

Program EVALPLOT  
(Version 2021-1)

by

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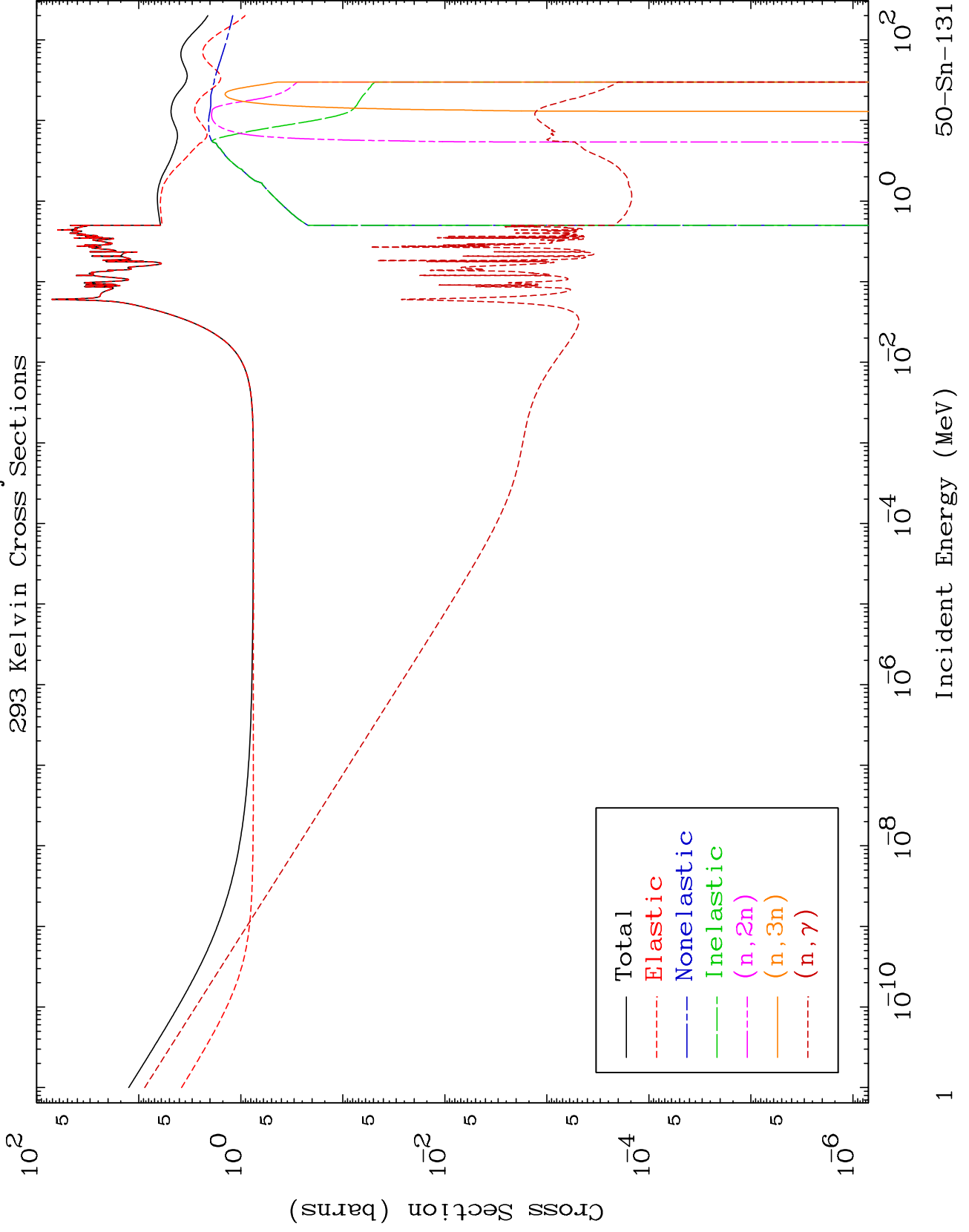
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5082

Neutron Major  
293 Kelvin Cross Sections

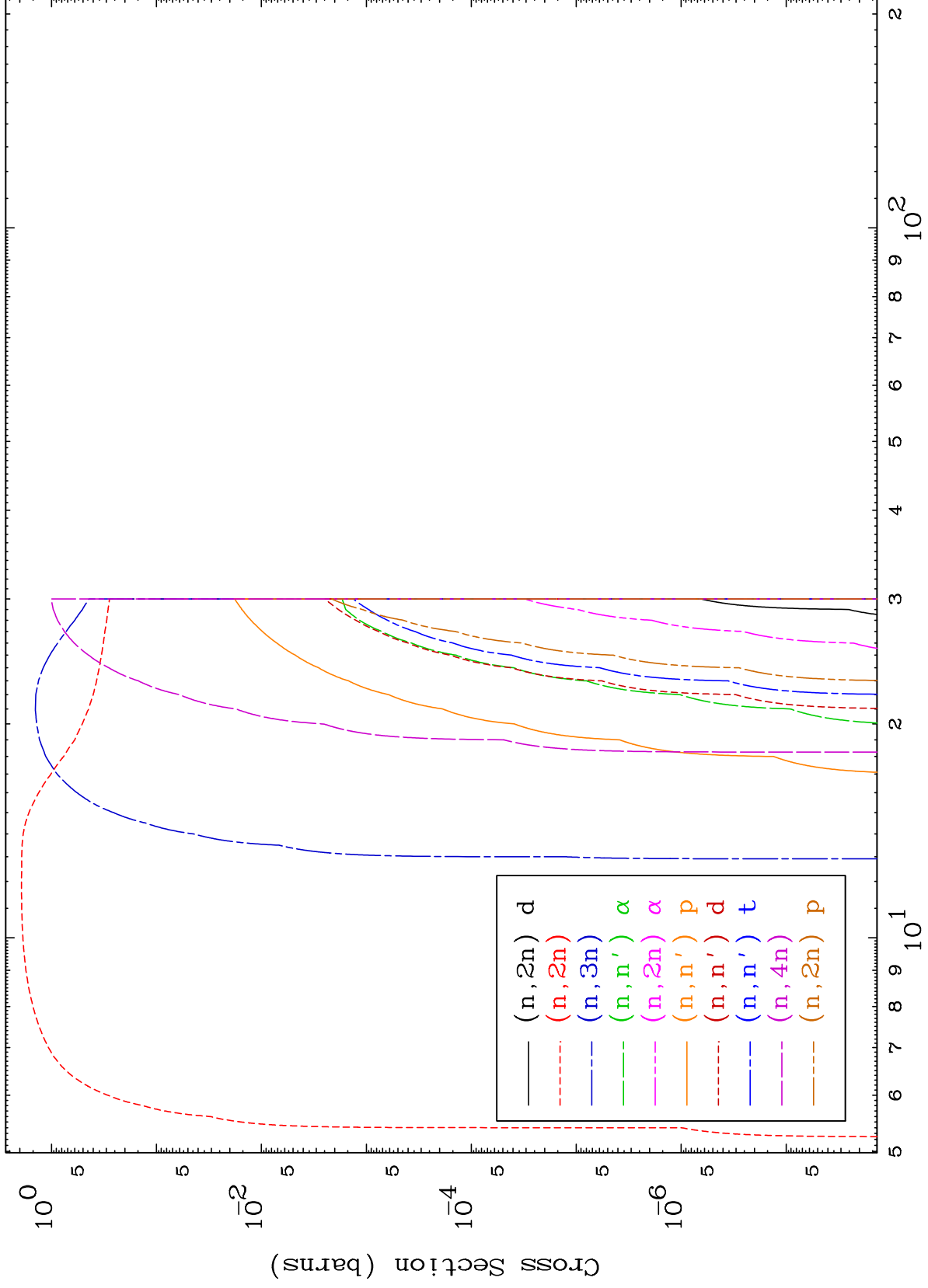
50-Sn-131



MAT 5082

Neutron Absorption  
293 Kelvin Cross Sections

50-Sn-131



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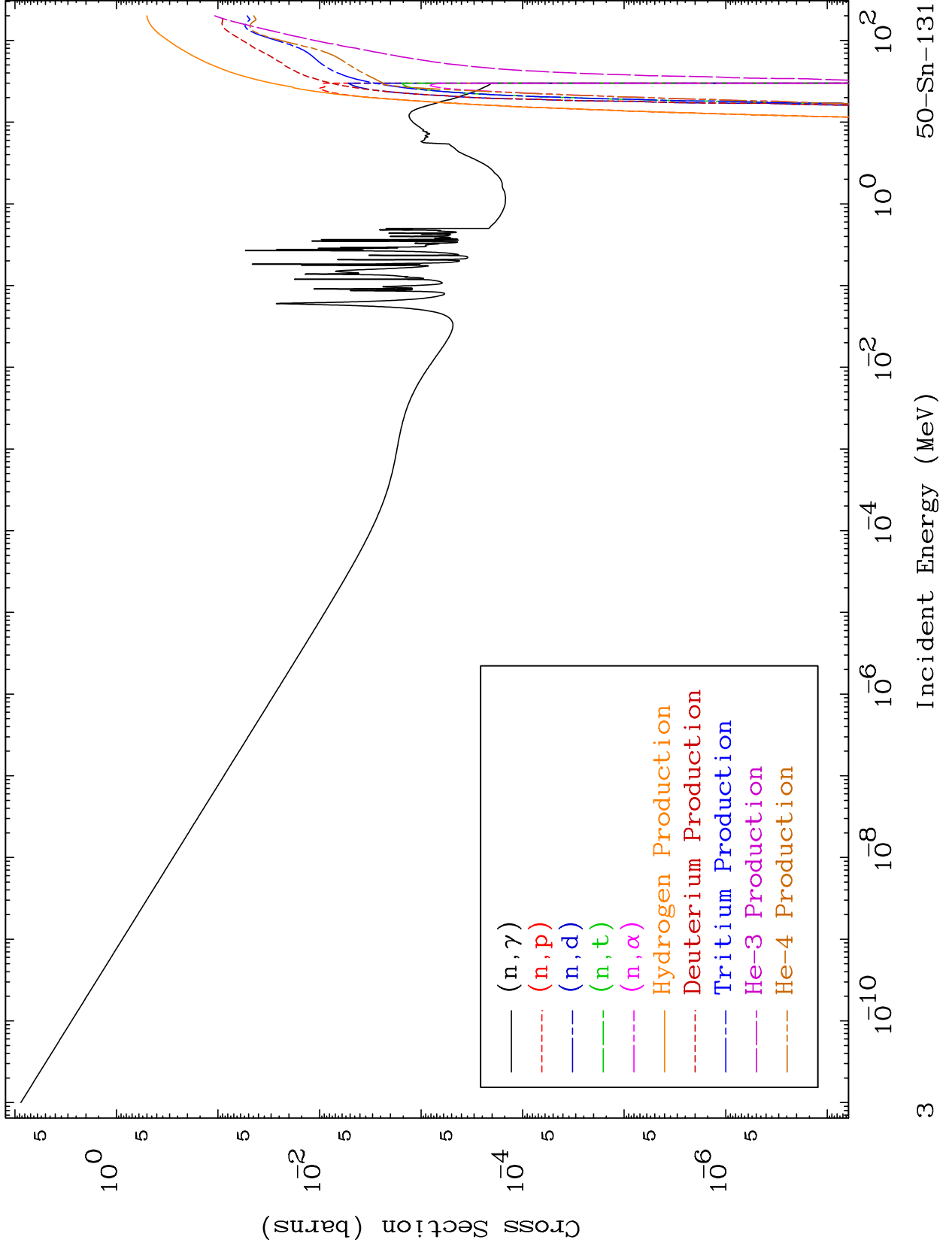
Incident Energy (MeV)

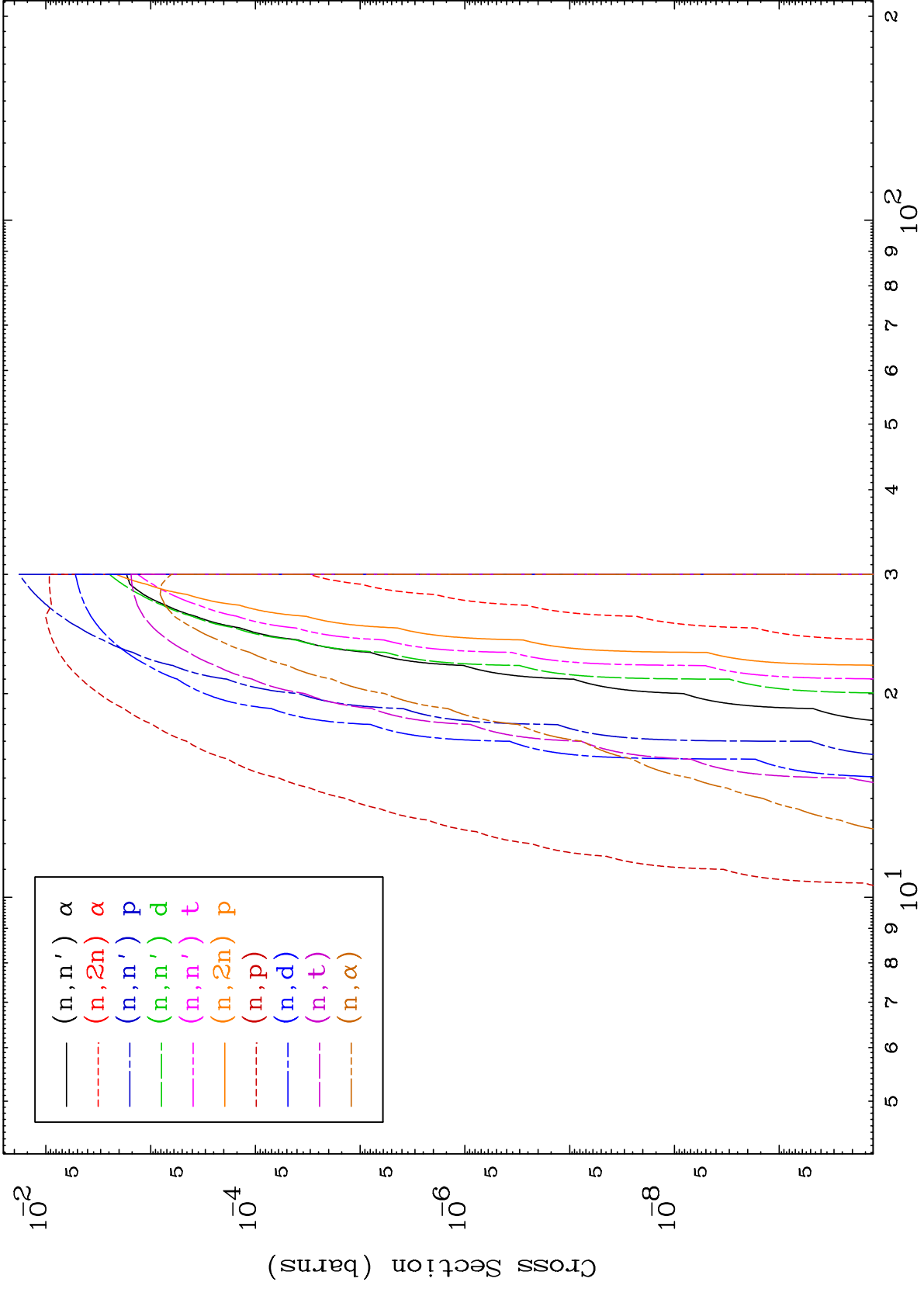
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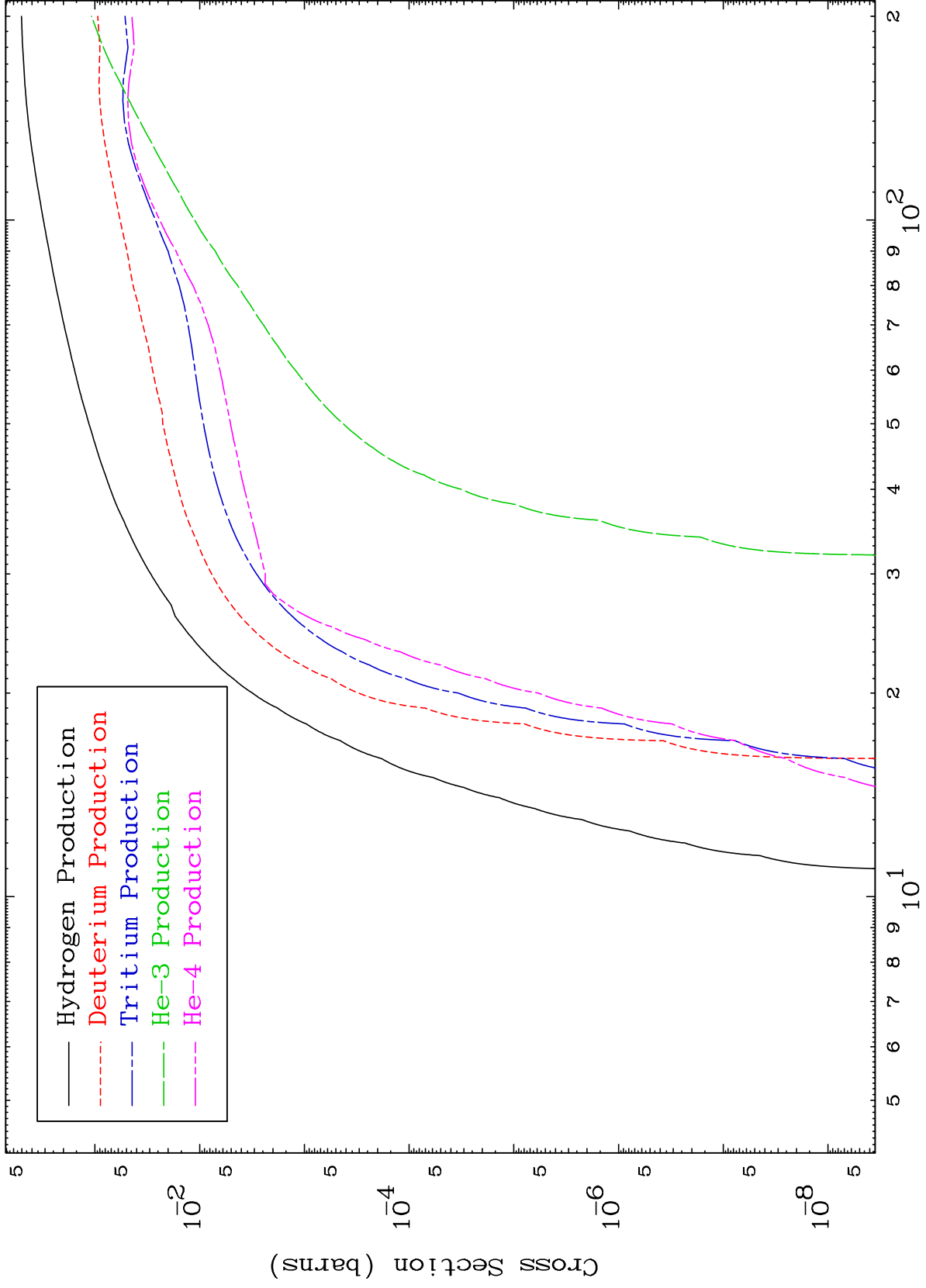
MAT 5082

Neutron Absorption  
293 Kelvin Cross Sections

50-Sn-131





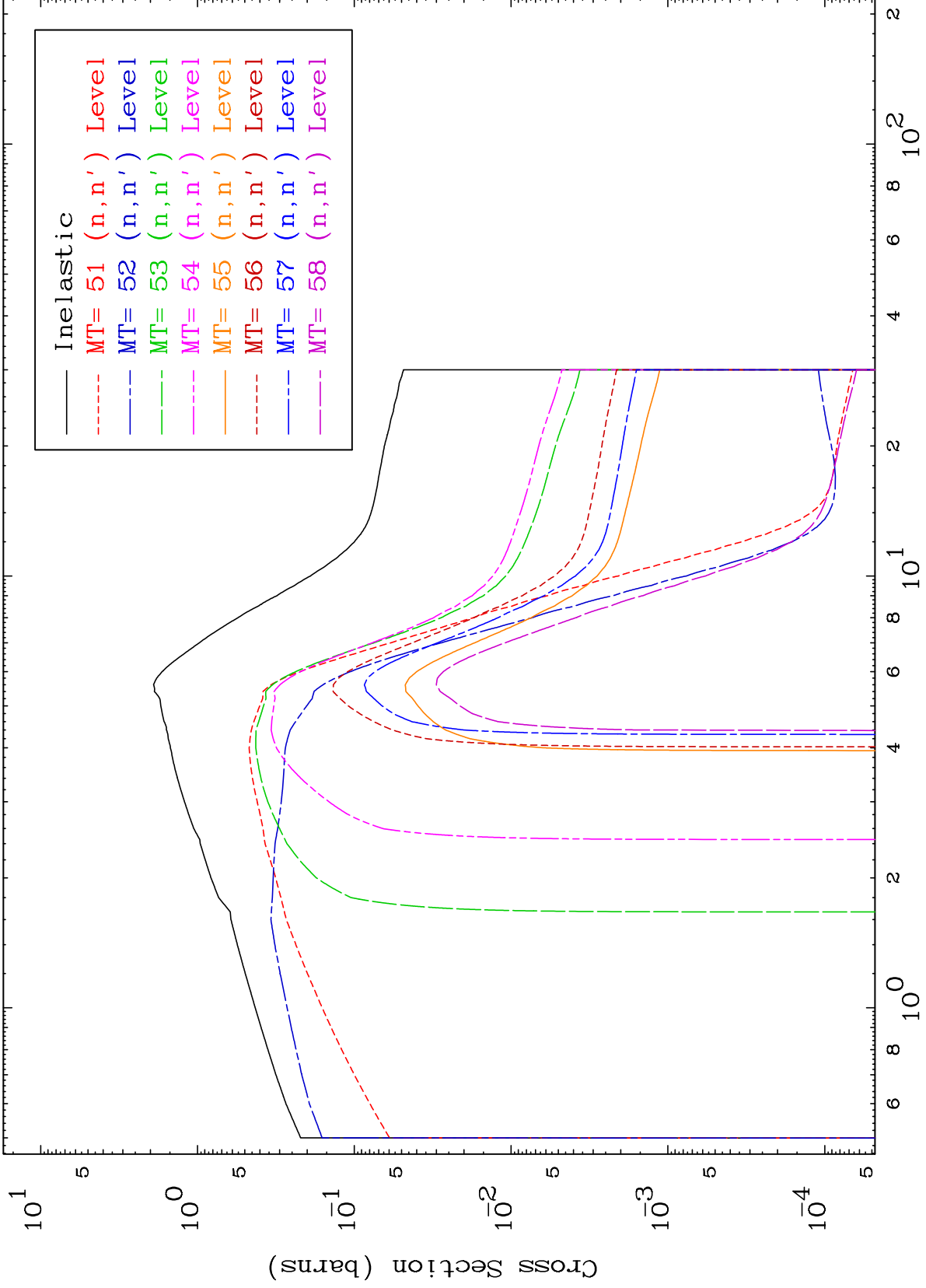


MAT 5082

(n,n') Levels

50-Sn-131

293 Kelvin Cross Sections



Incident Energy (MeV)

50-Sn-131

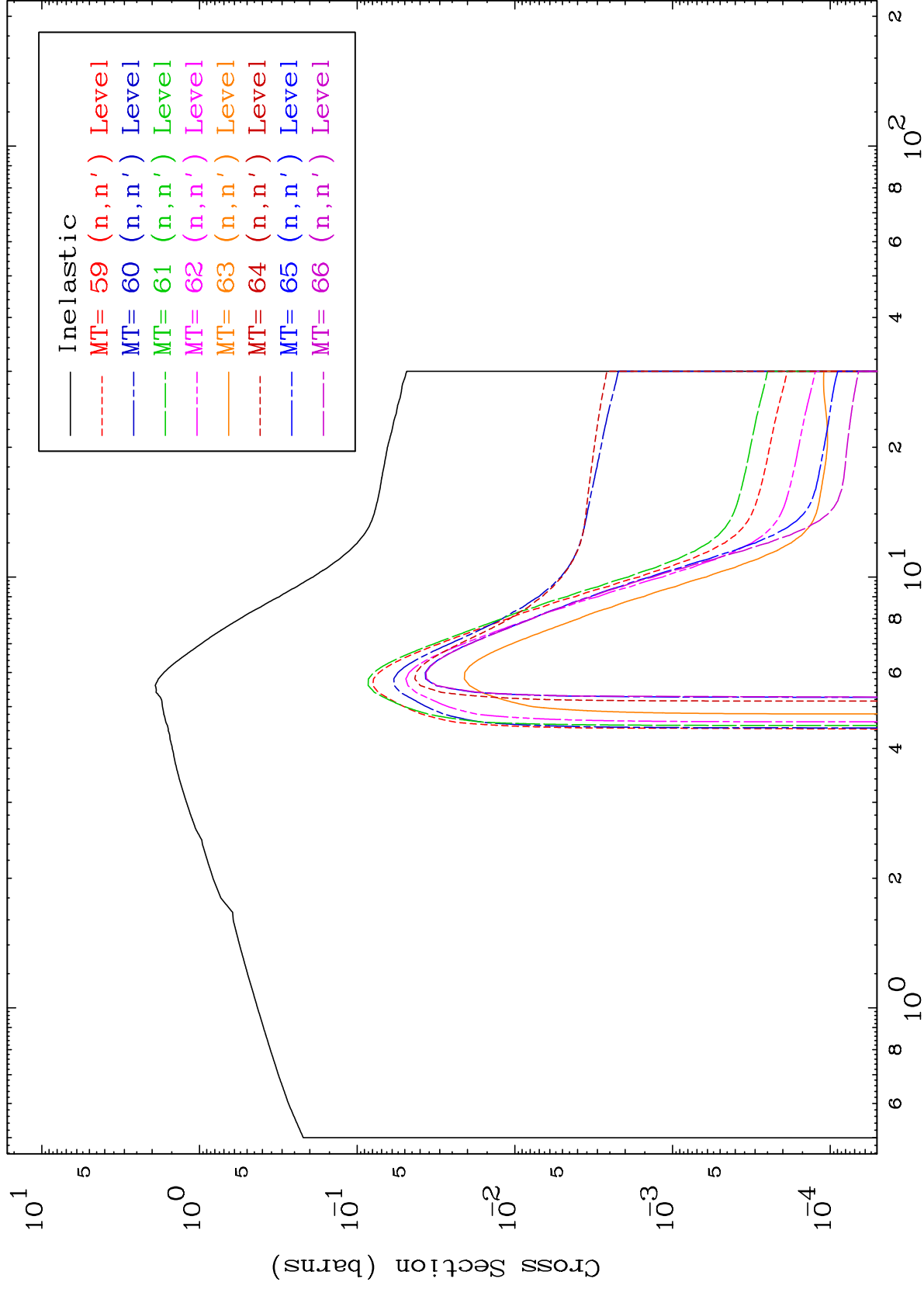
6

MAT 5082

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-131



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Incident Energy (MeV)

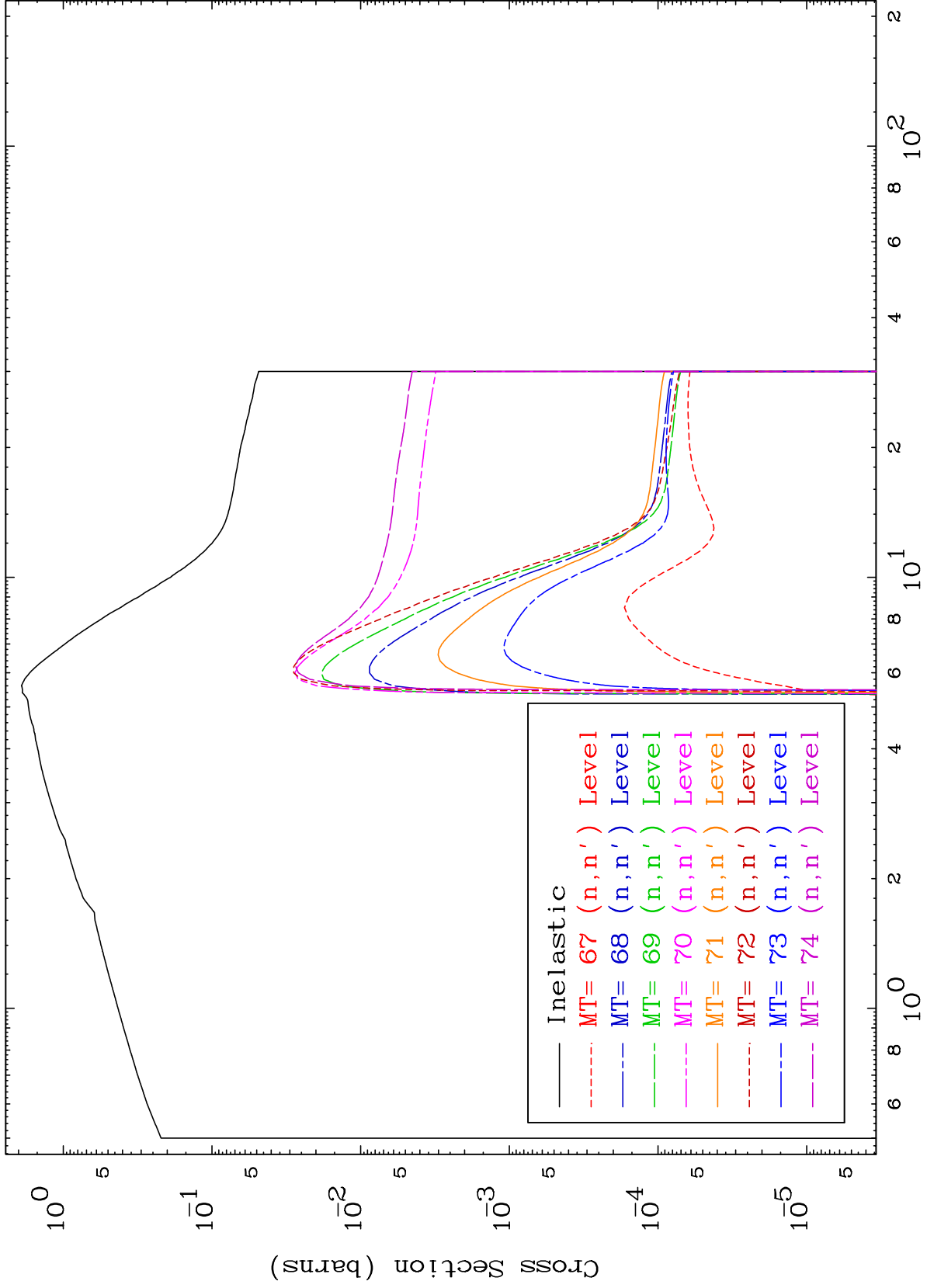
50-Sn-131



MAT 5082

(n,n') Levels  
293 Kelvin Cross Sections

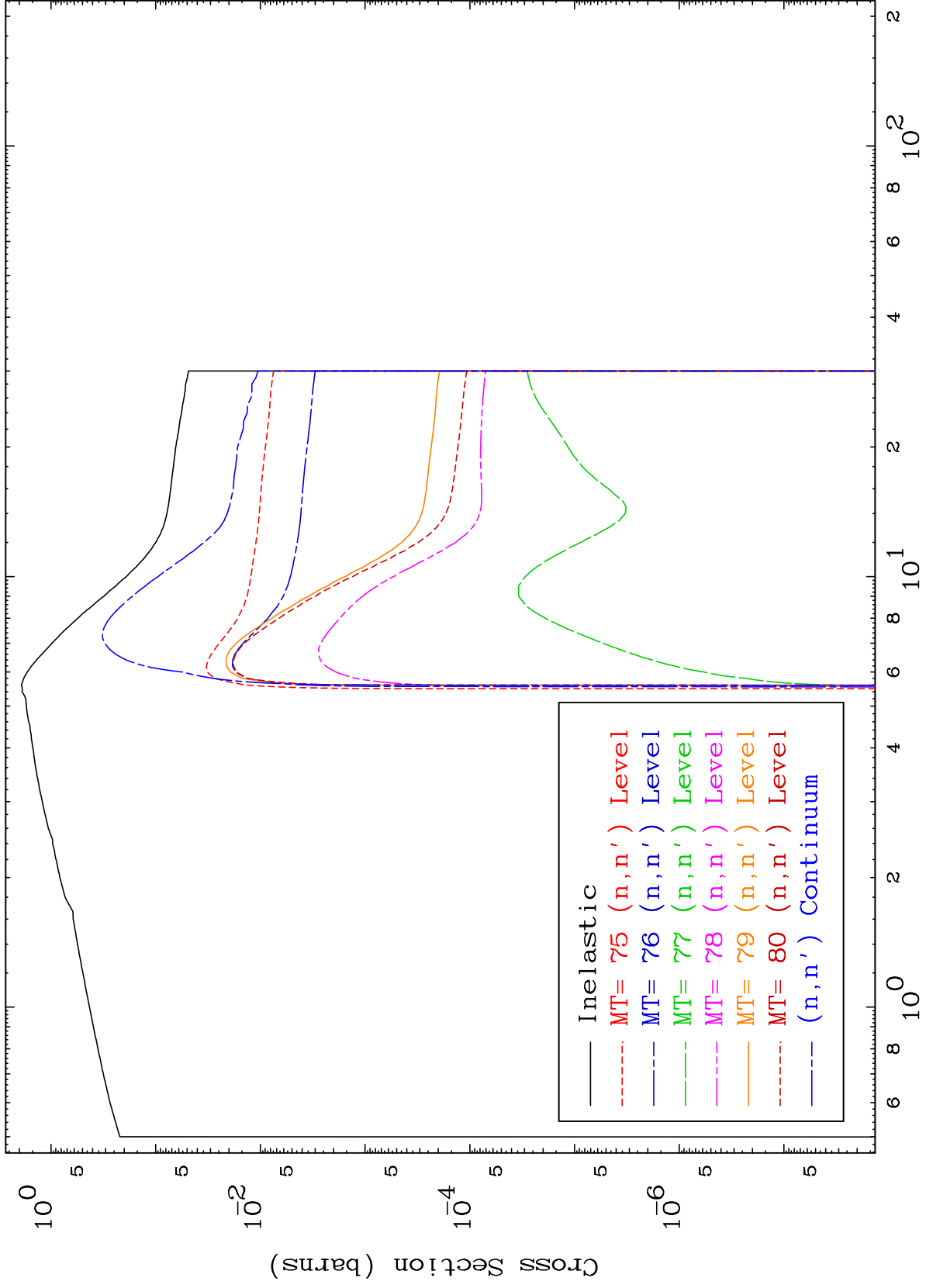
50-Sn-131



MAT 5082

(n,n') Levels  
293 Kelvin Cross Sections

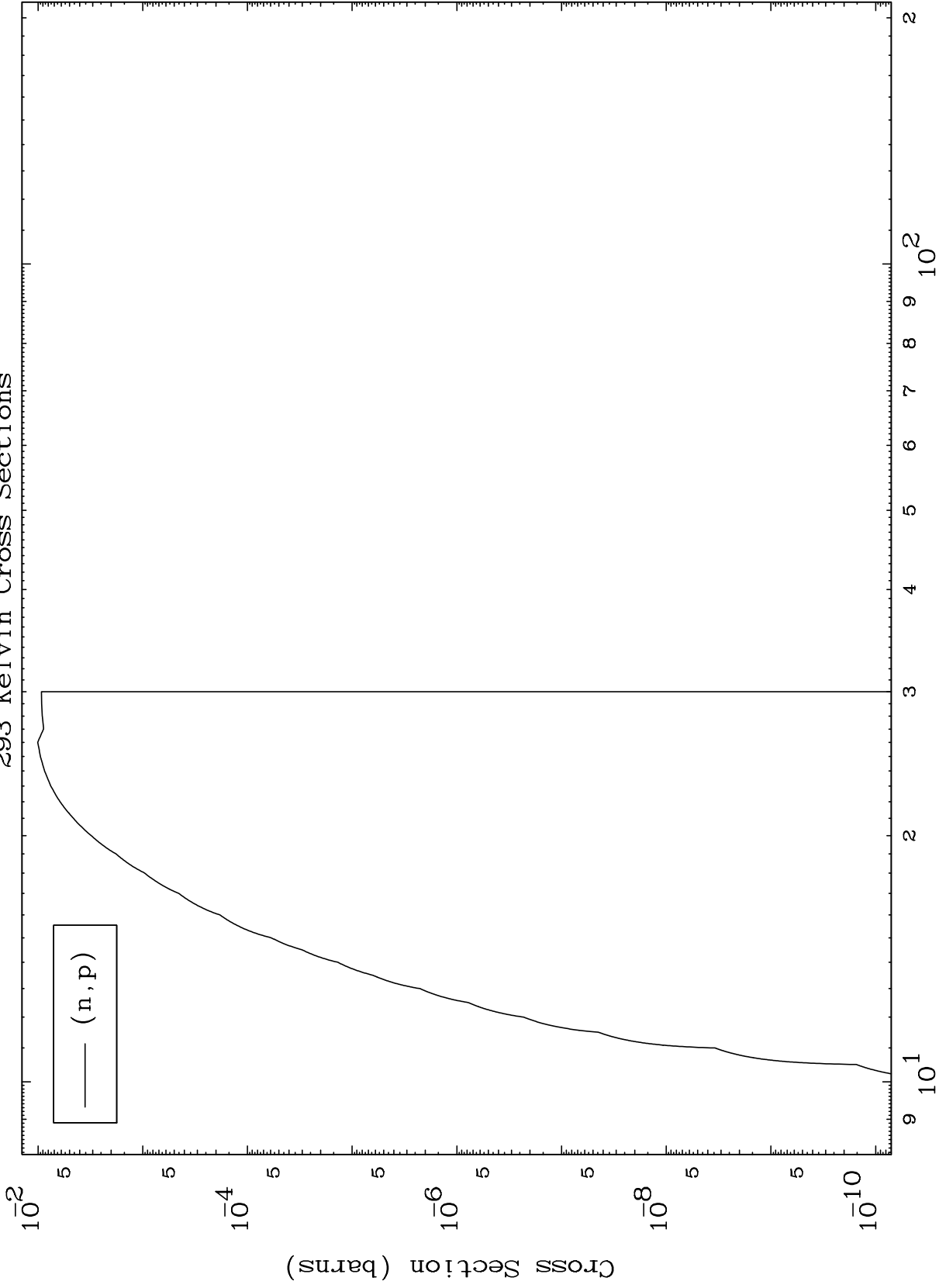
50-Sn-131



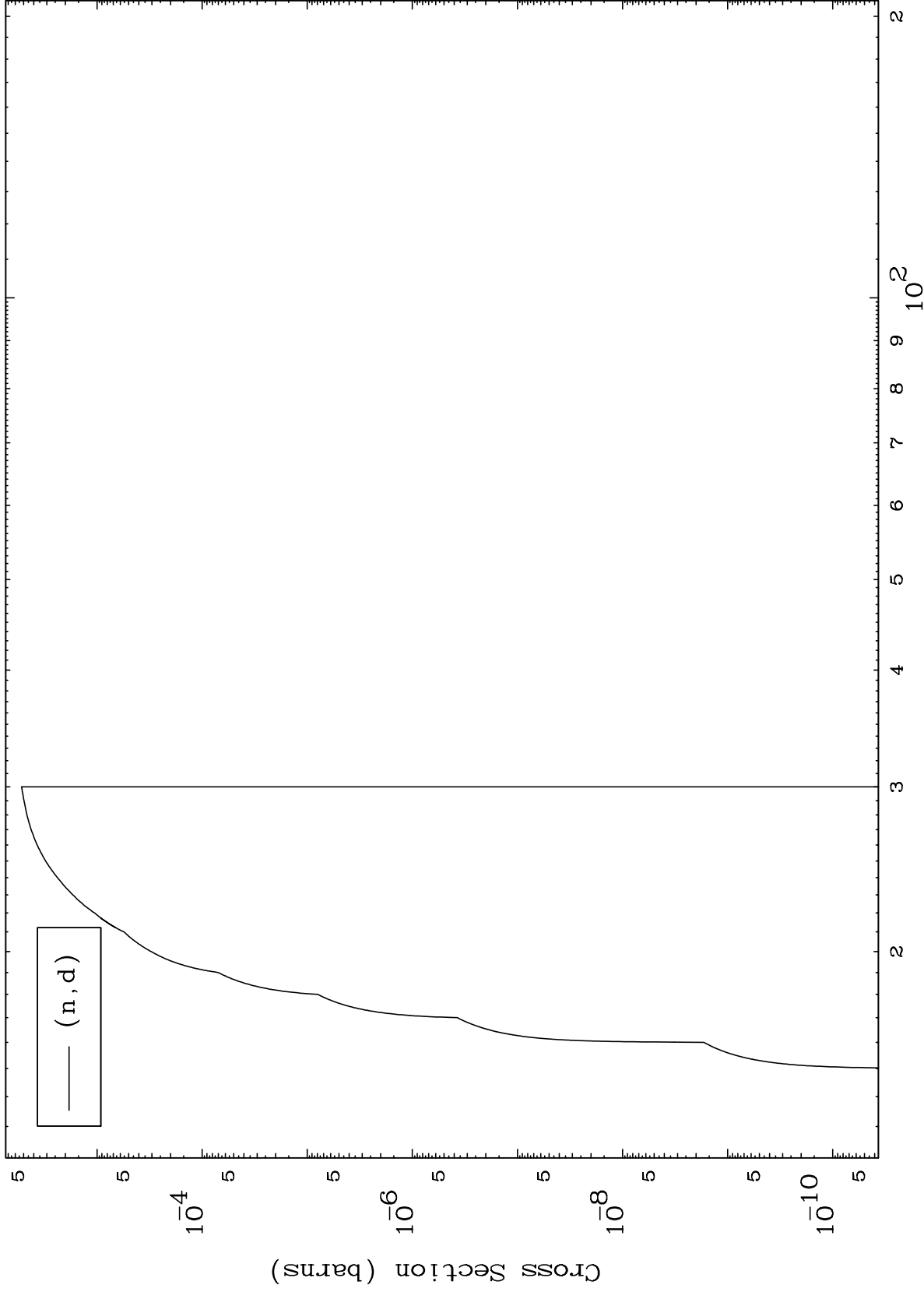
MAT 5082

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-131



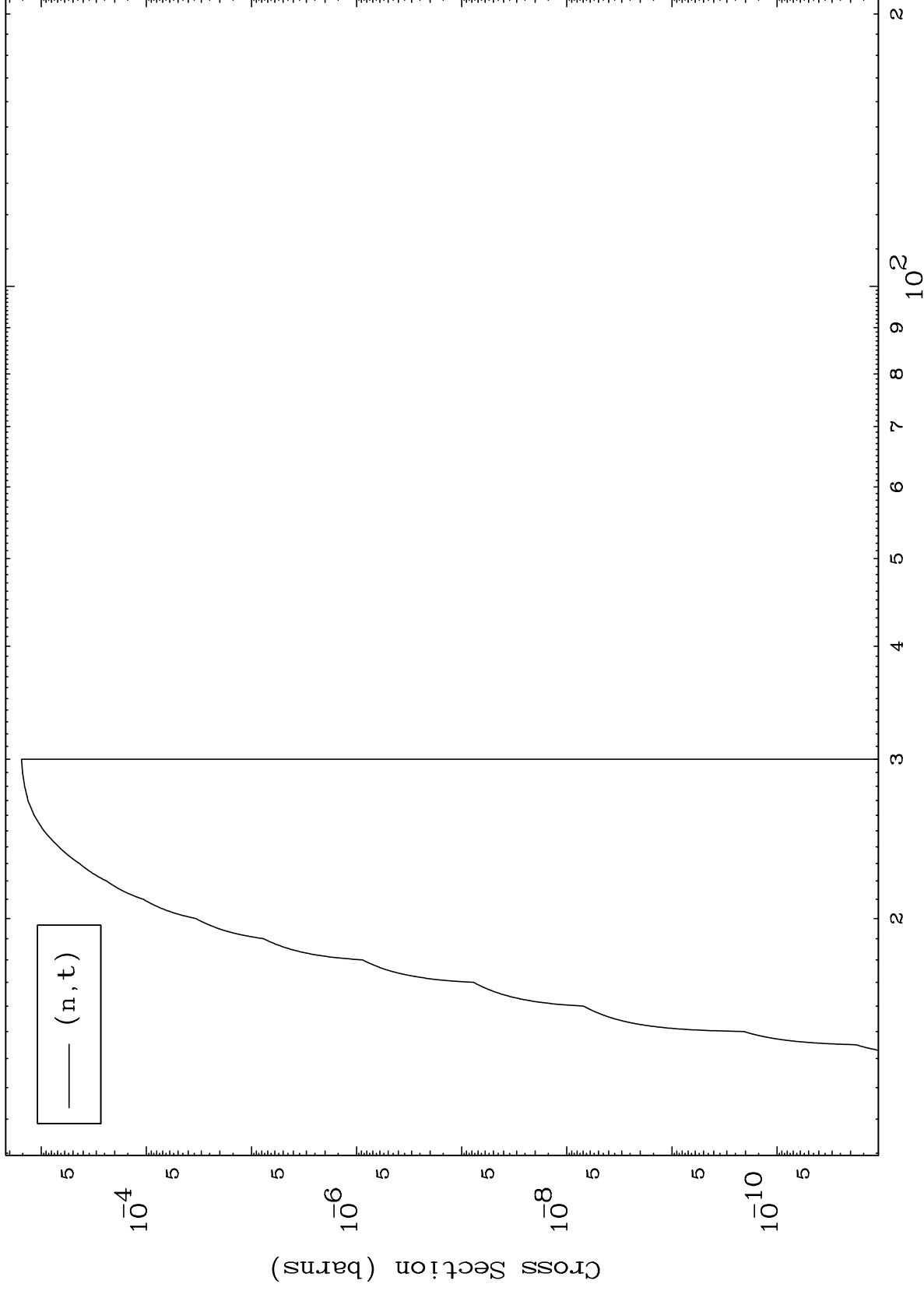
50-Sn-131



MAT 5082

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-131



12

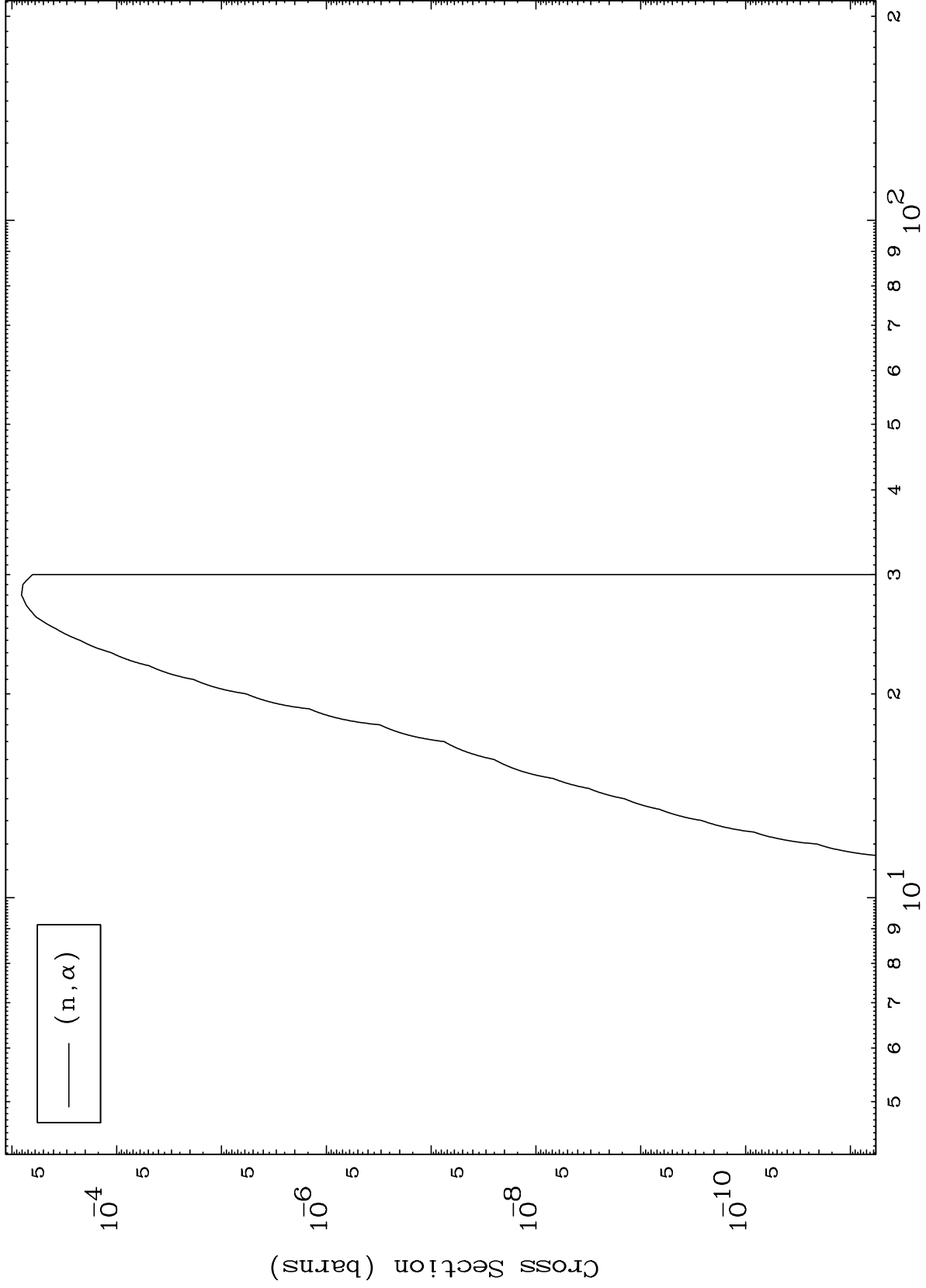
Incident Energy (MeV)

50-Sn-131

MAT 5082

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

50-Sn-131



13

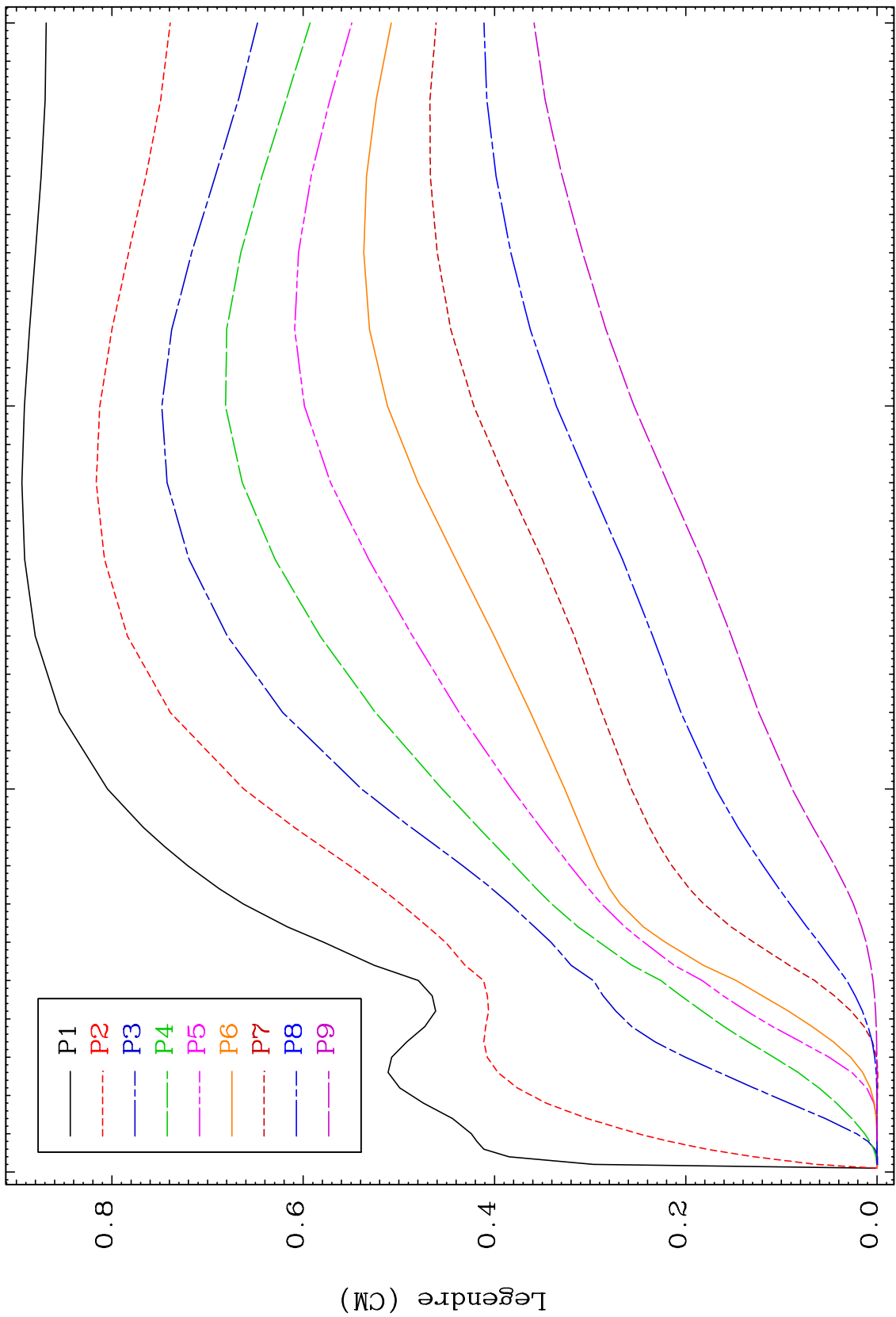
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

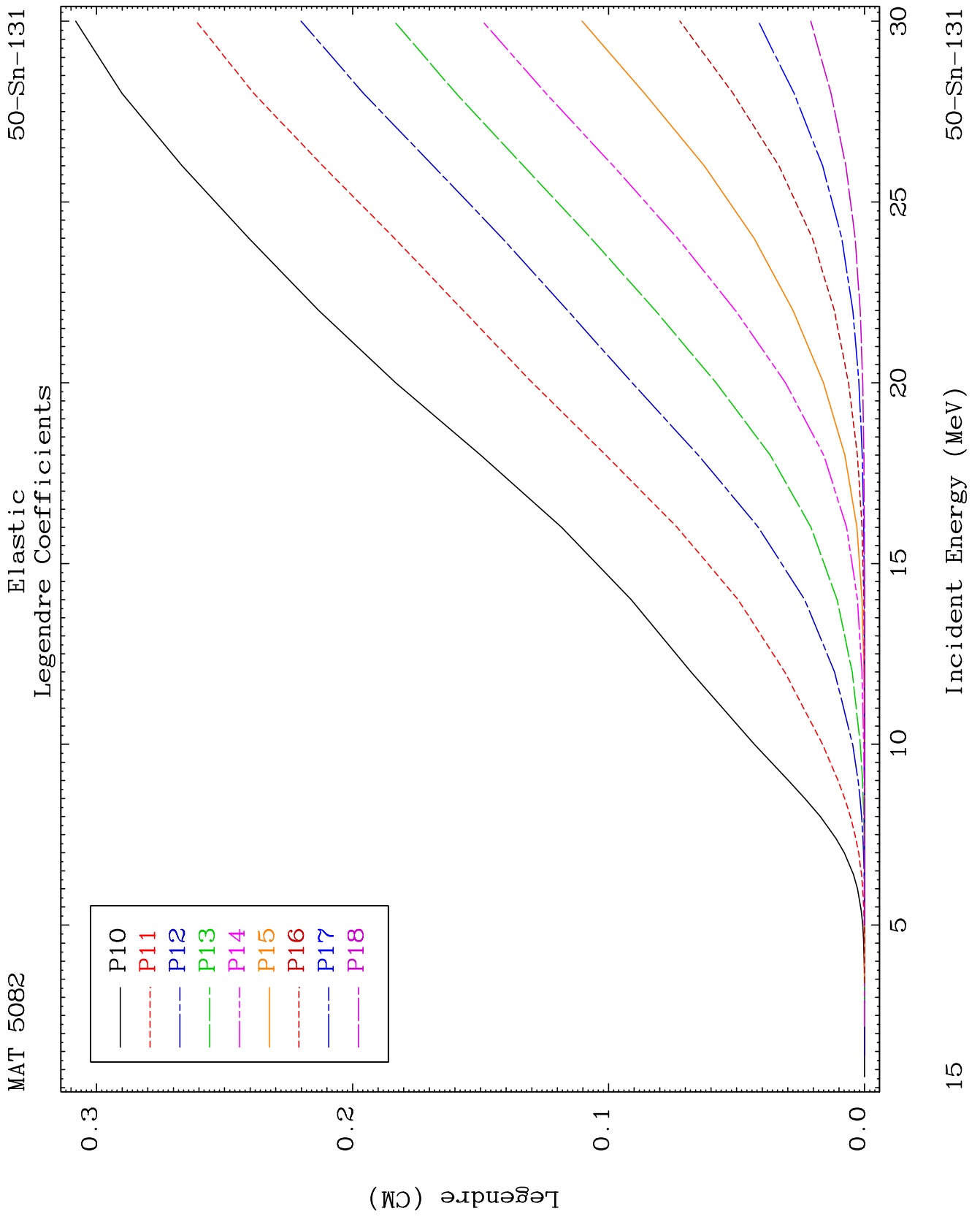
Elastic Legendre Coefficients



50-Sn-131

Incident Energy (MeV)

14

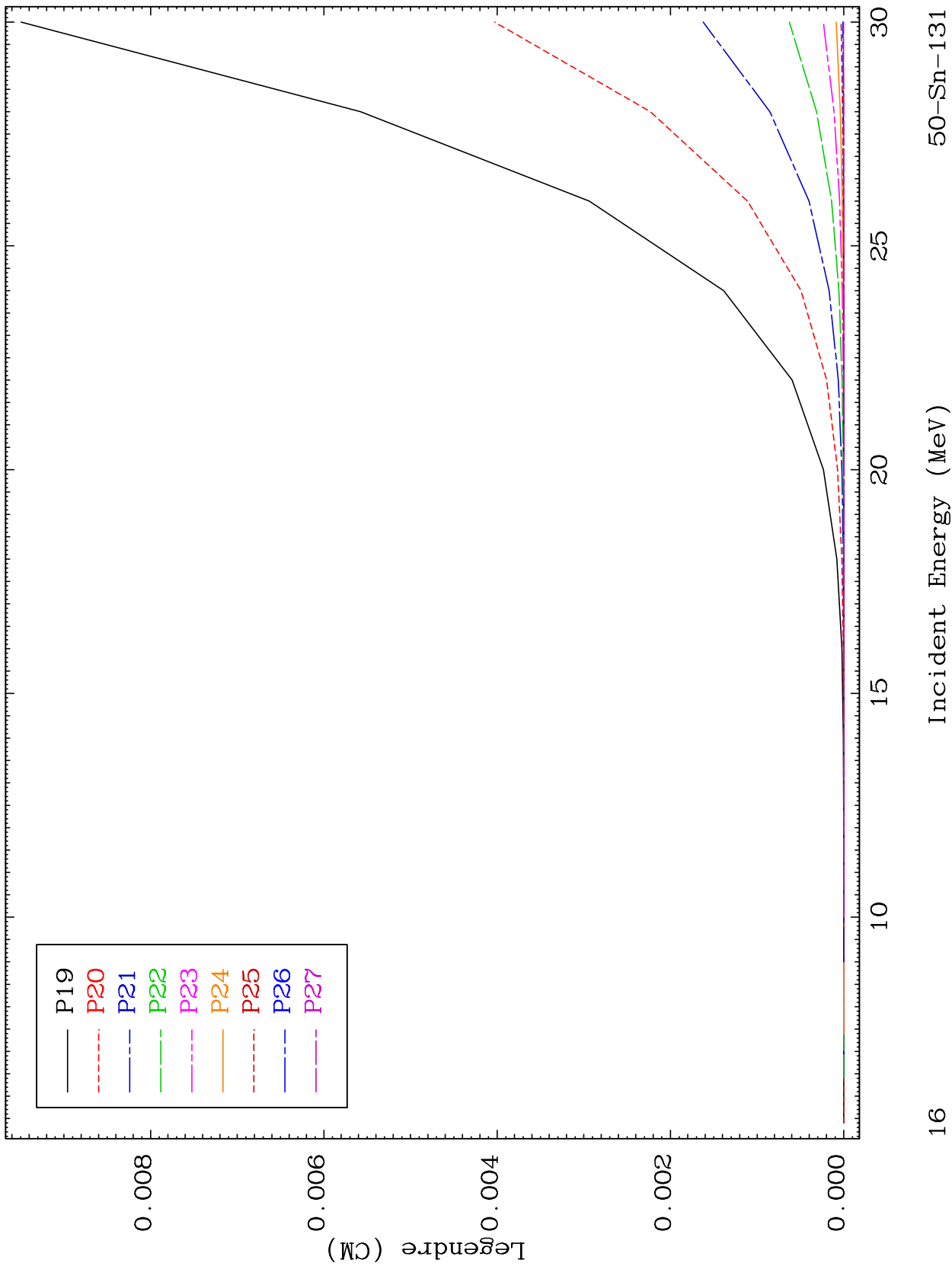




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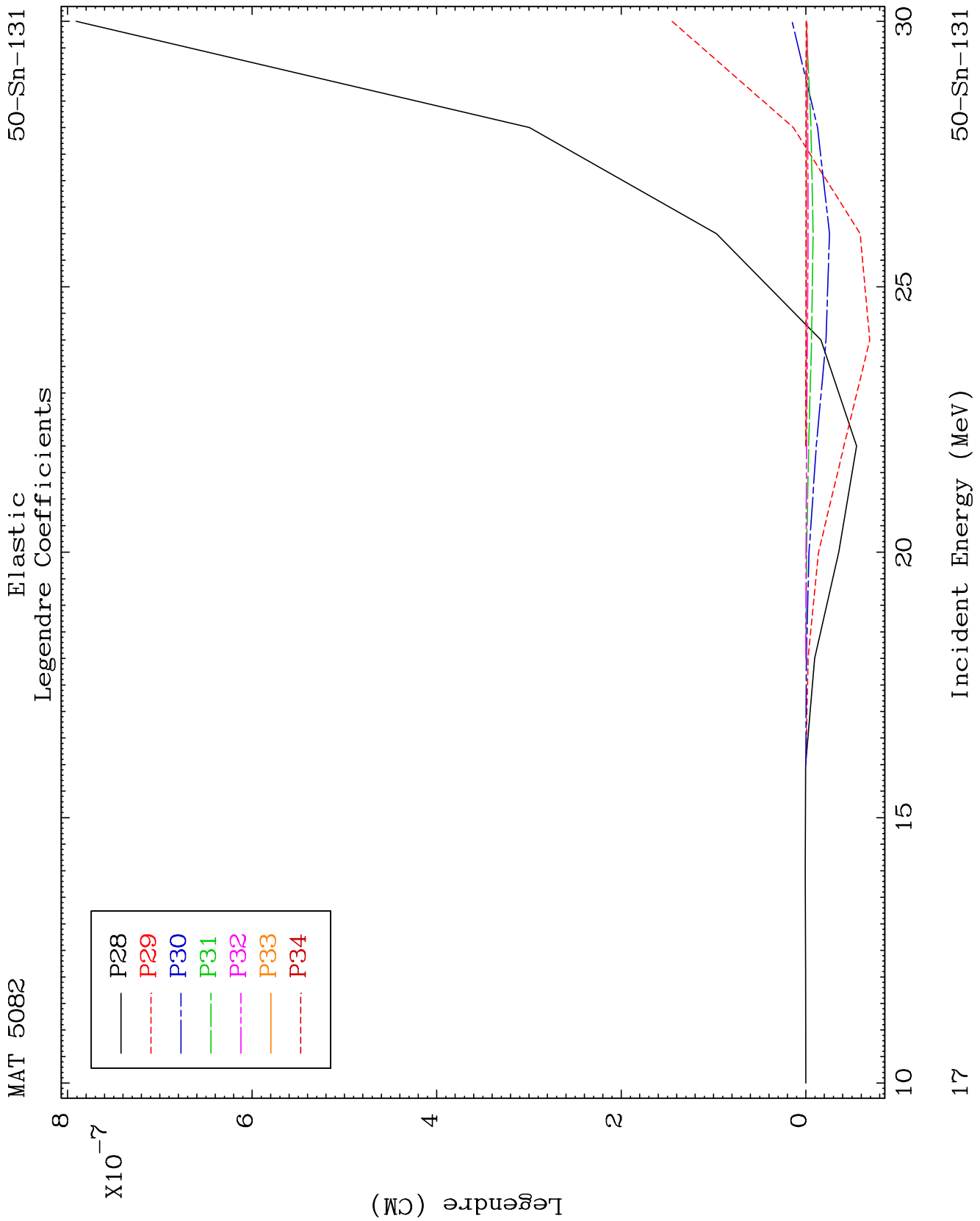
### Elastic Legendre Coefficients

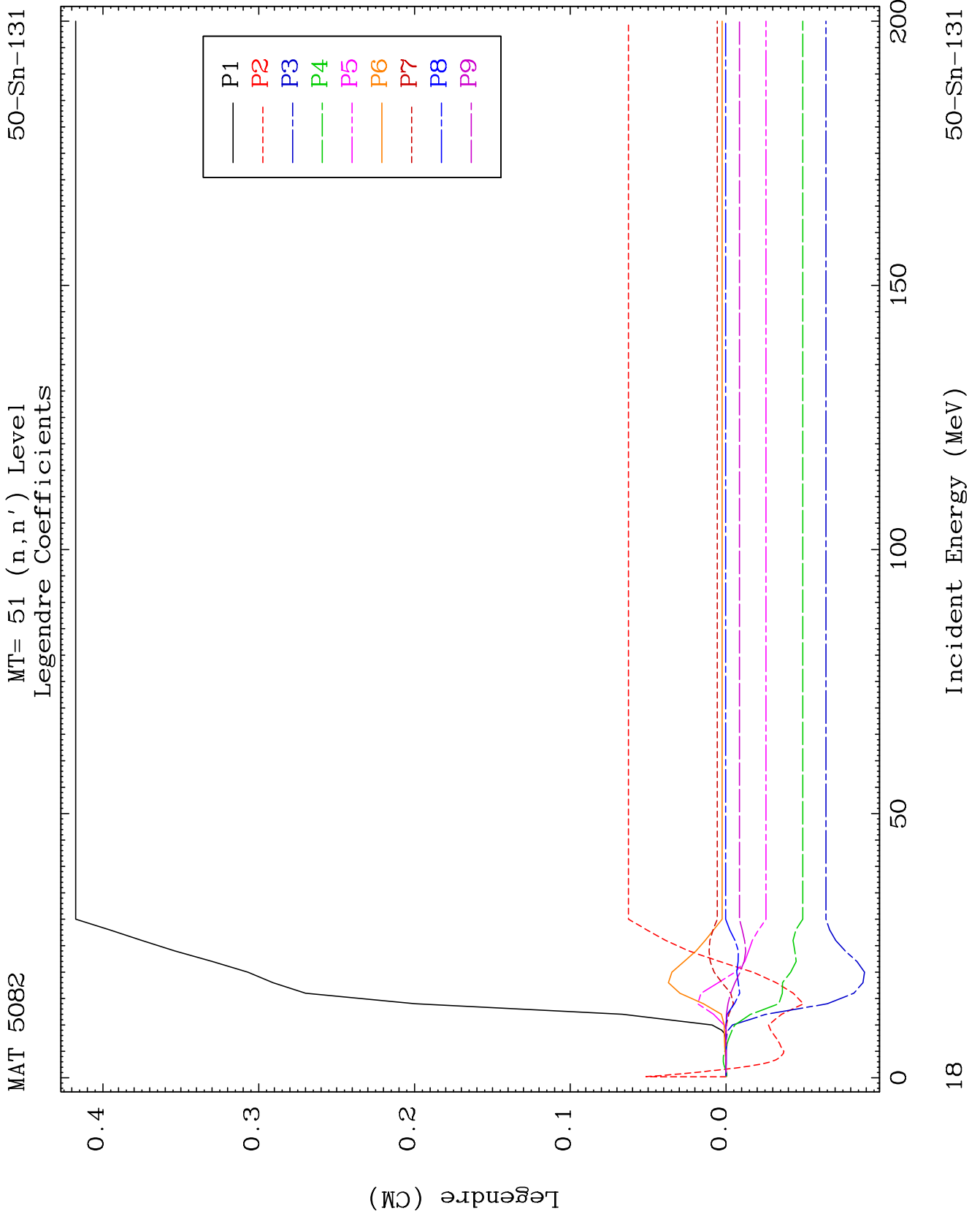
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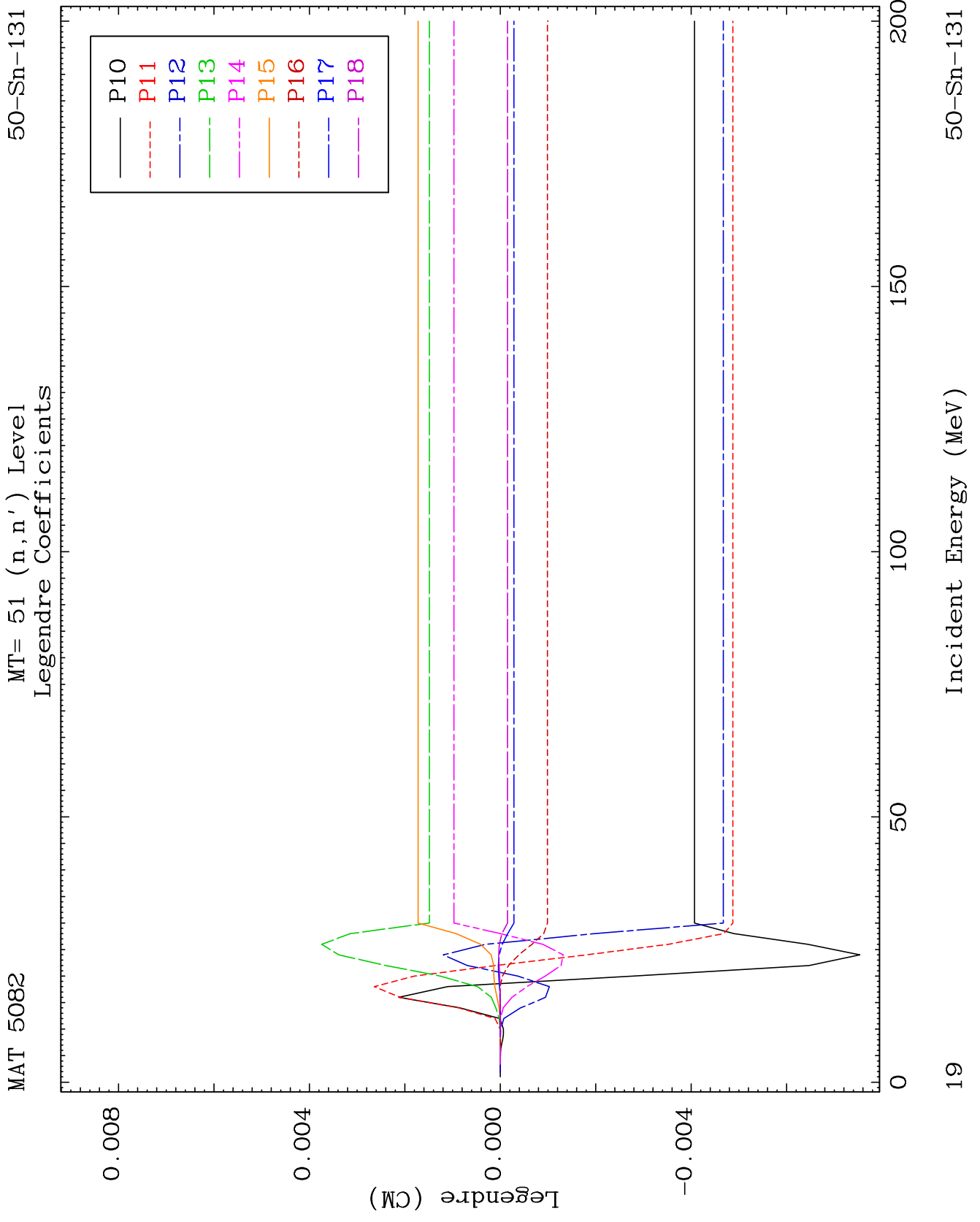


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50-Sn-131



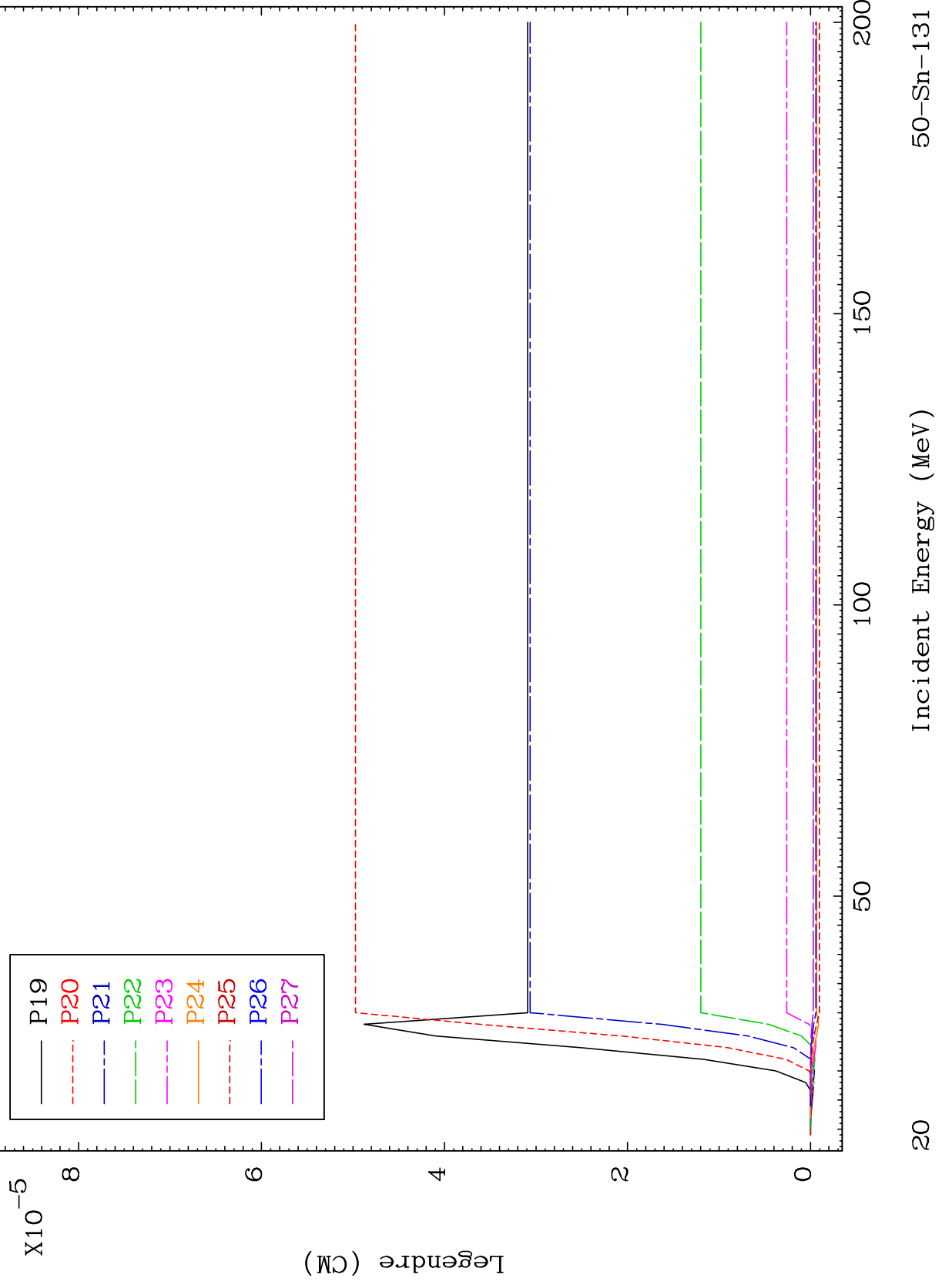
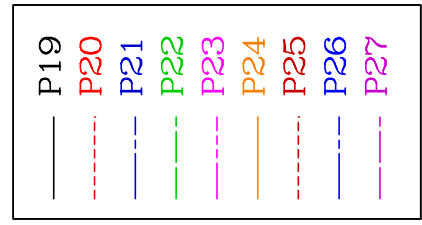




MAT 5082

MT= 51 (n,n') Level  
Legendre Coefficients

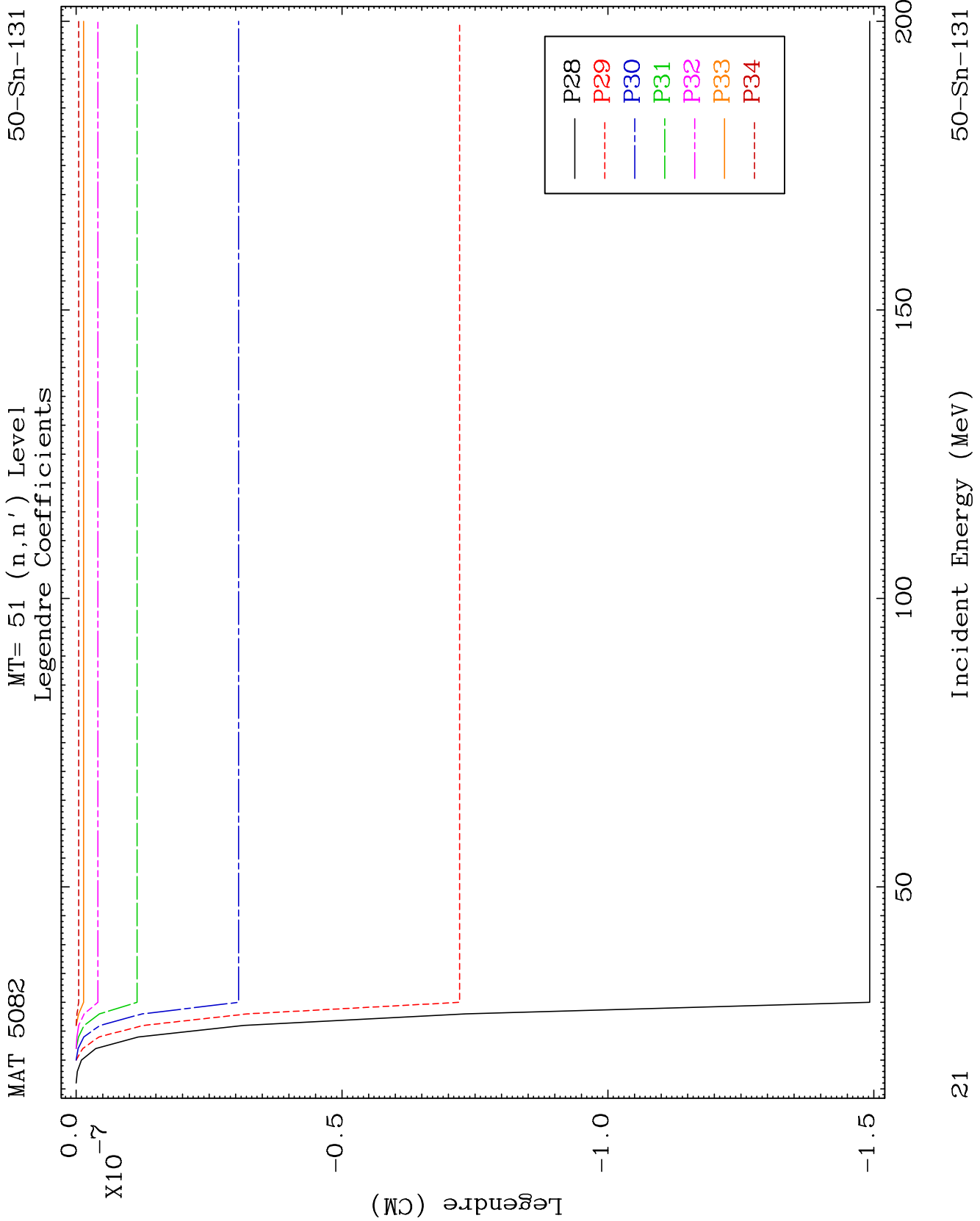
50-Sn-131



50-Sn-131

Incident Energy (MeV)

20

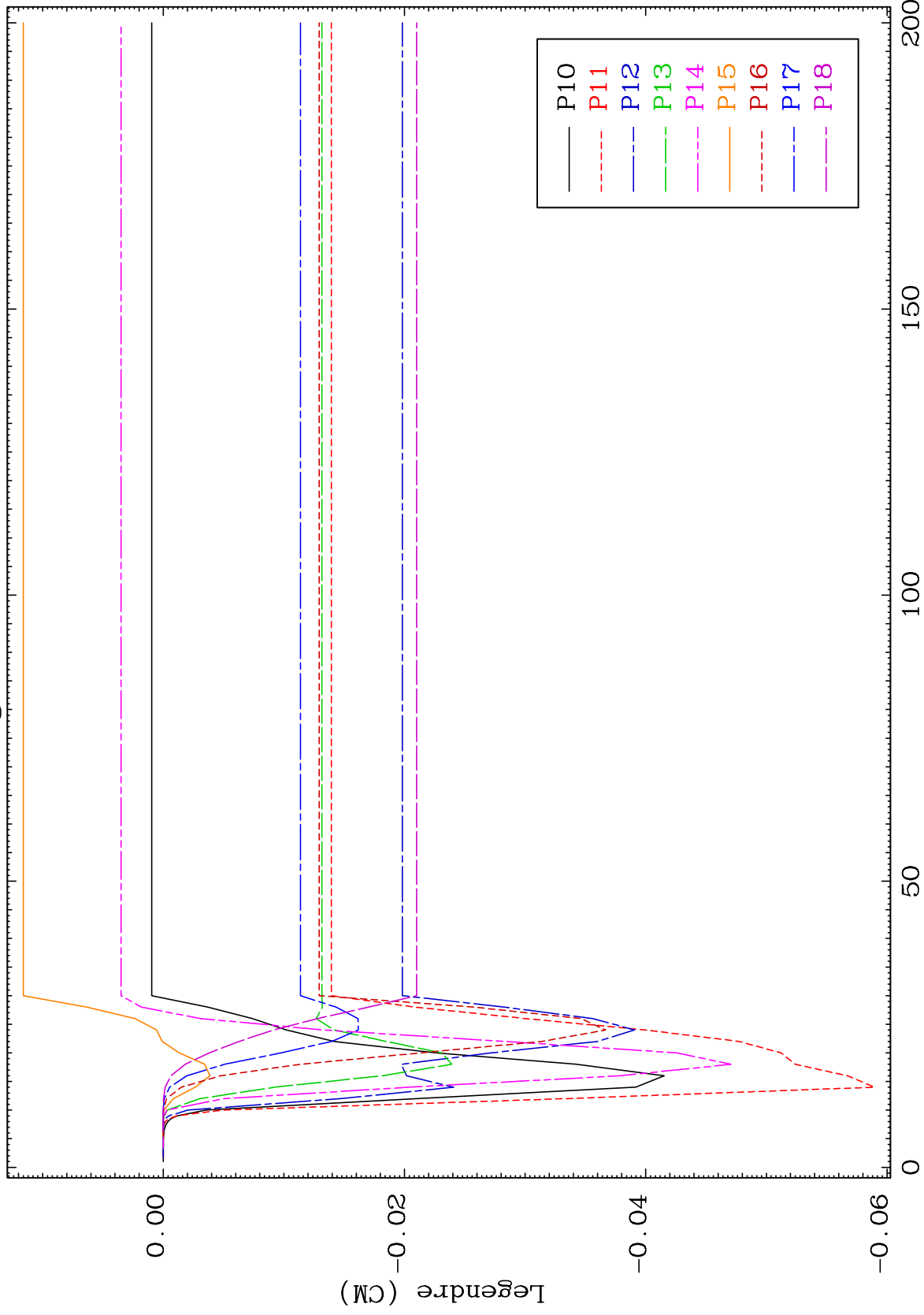




MAT 5082

MT= 52 (n,n') Level  
Legendre Coefficients

50-Sn-131

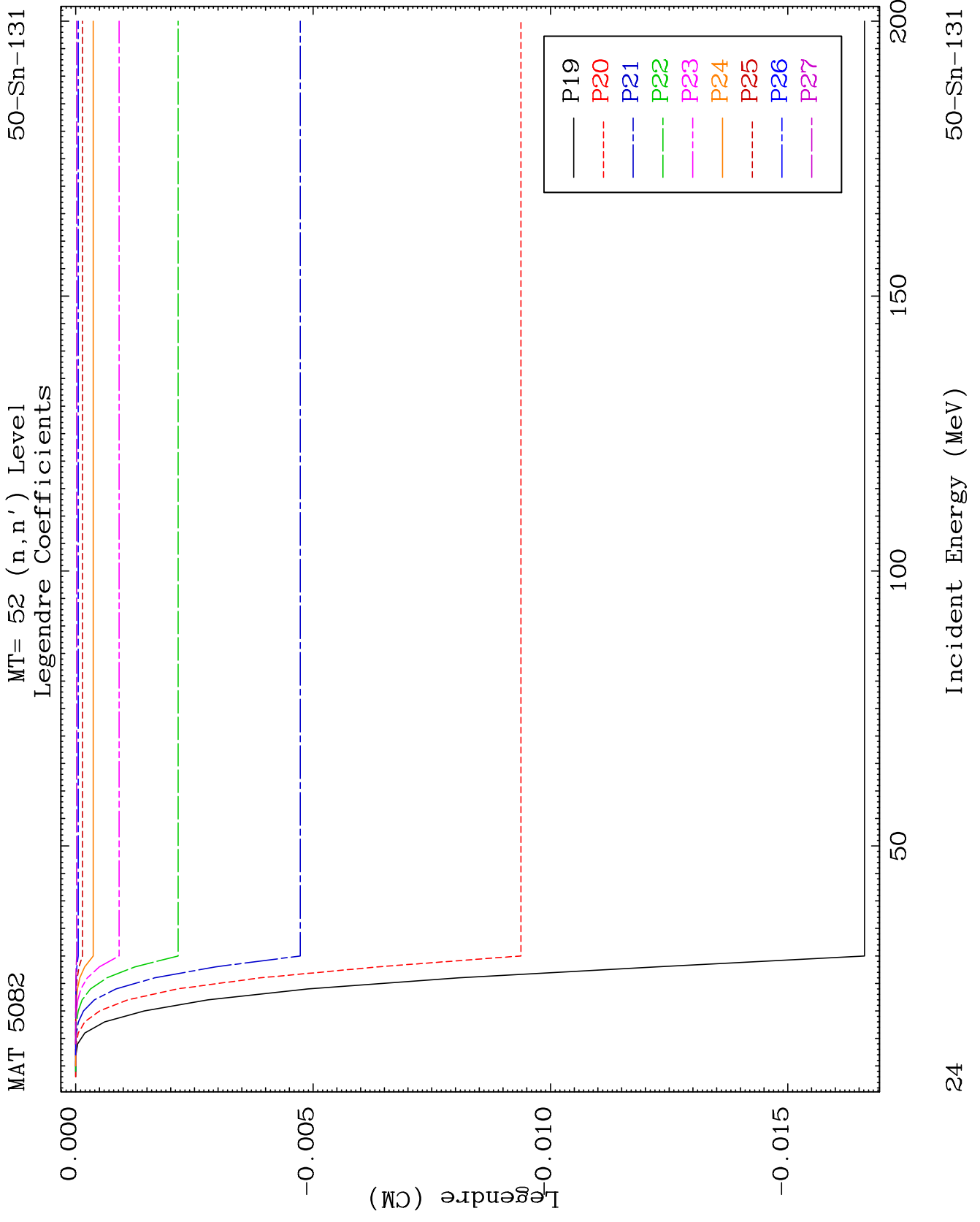


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Incident Energy (MeV)

50-Sn-131



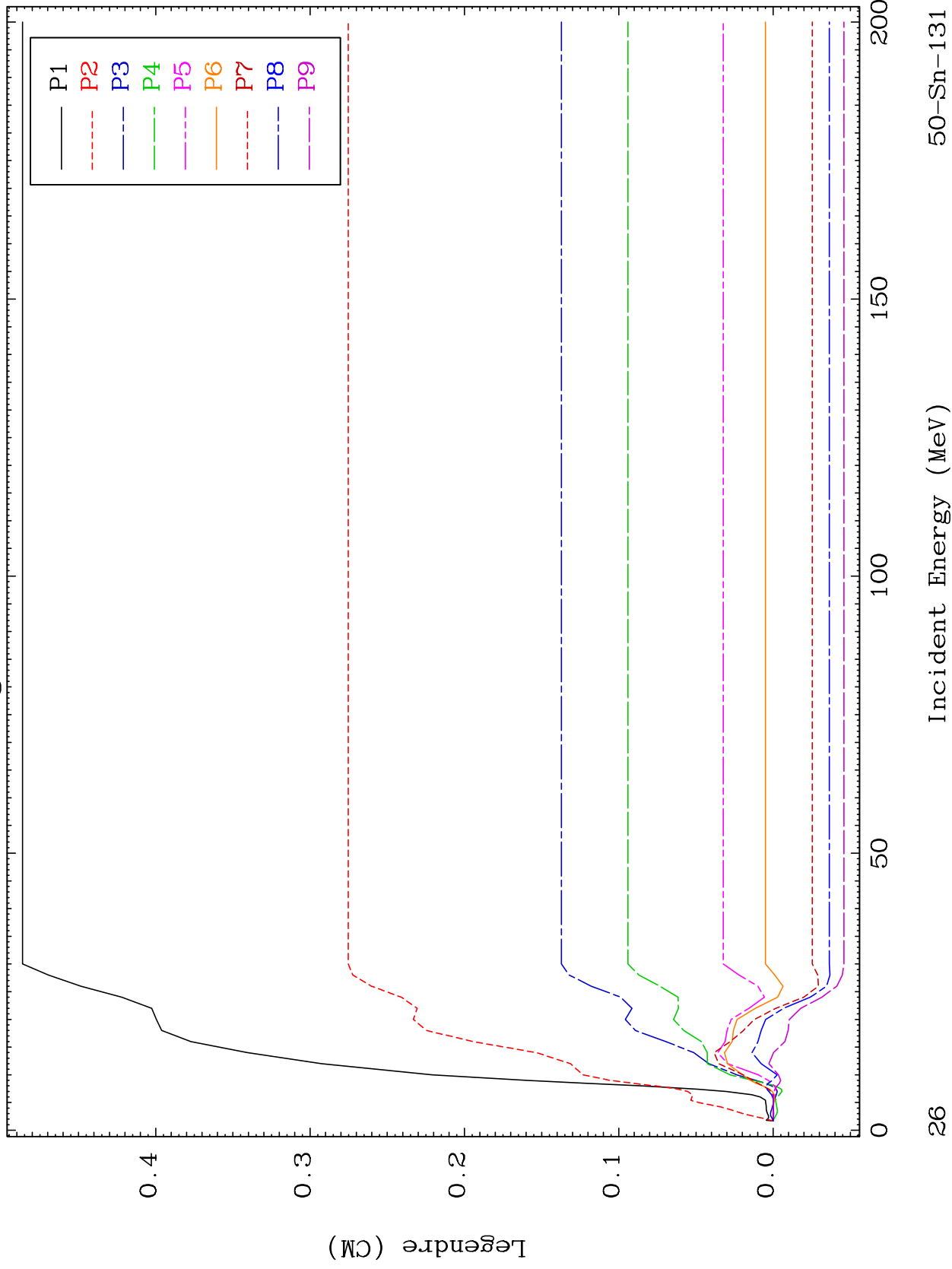




MAT 5082

MT= 53 (n,n') Level  
Legendre Coefficients

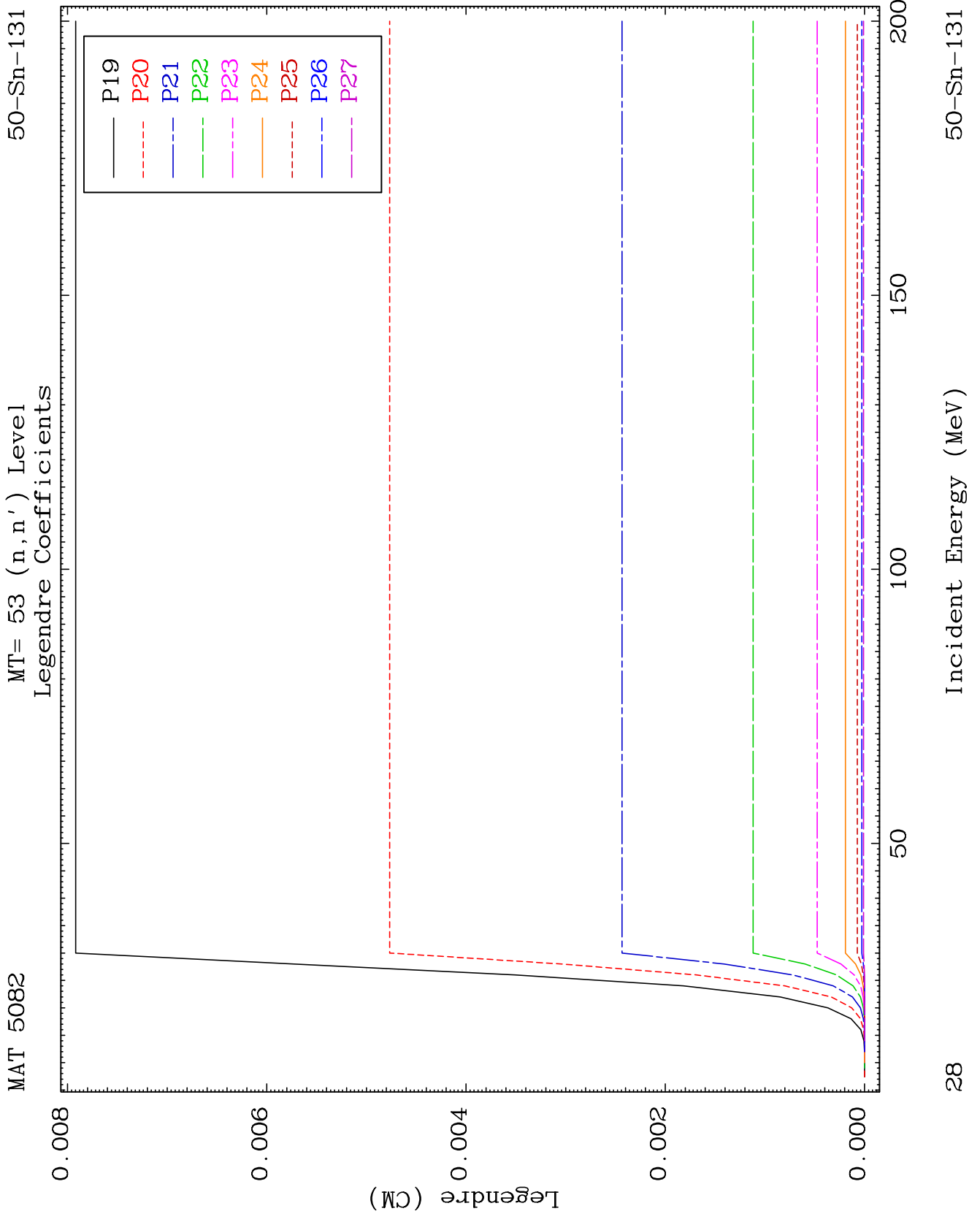
50-Sn-131



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50-Sn-131

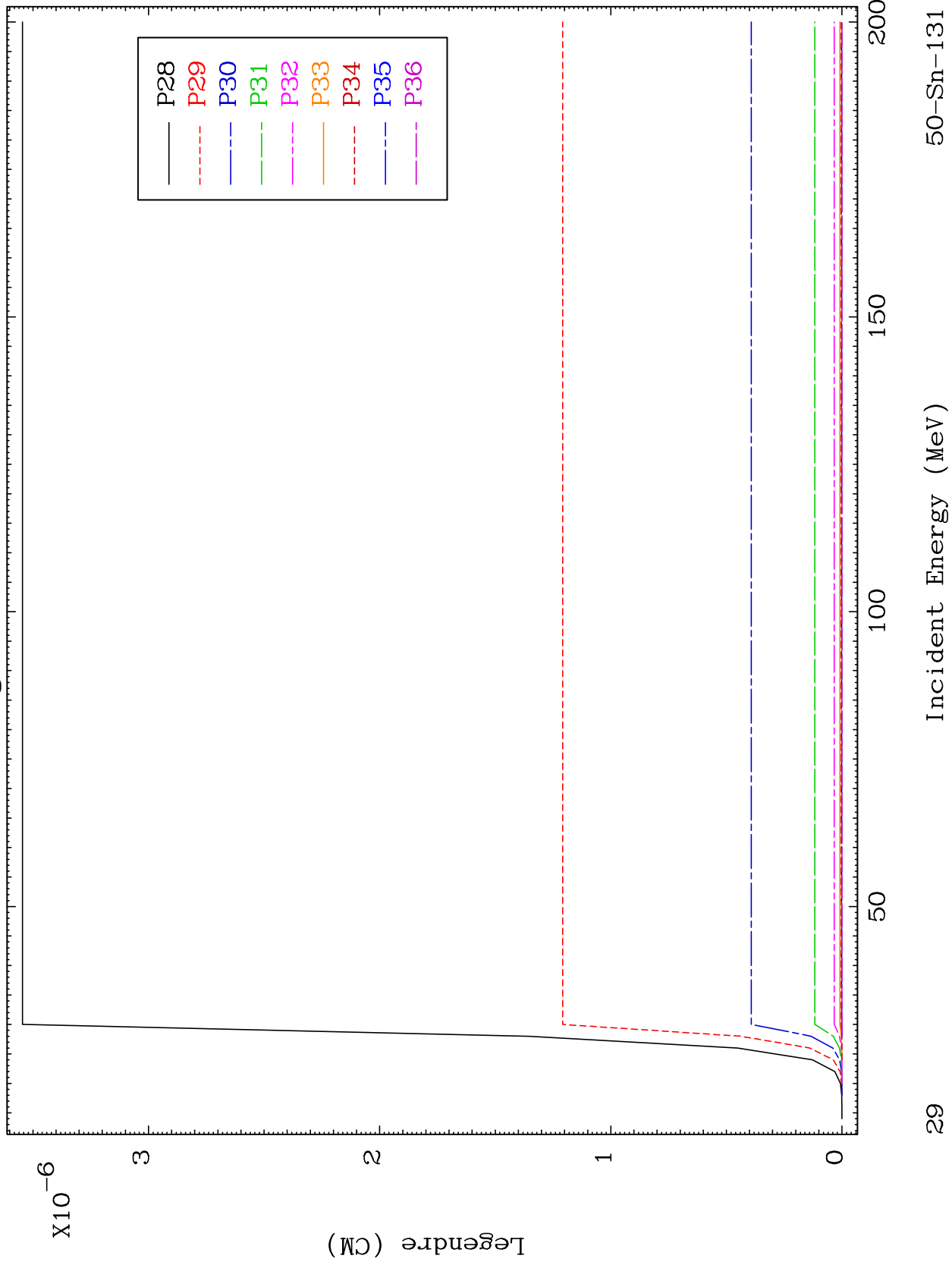




MAT 5082

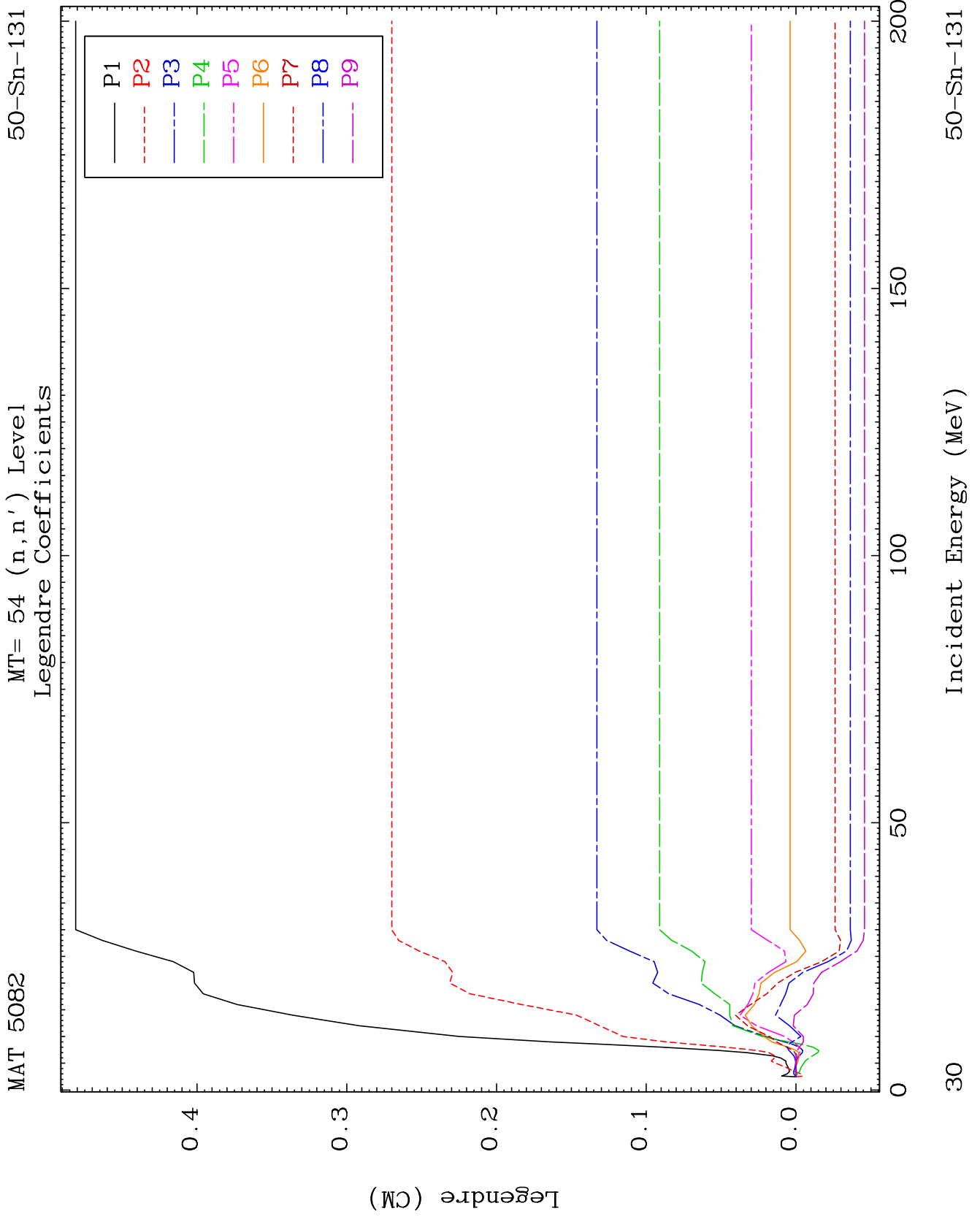
MT= 53 (n,n') Level  
Legendre Coefficients

50-Sn-131



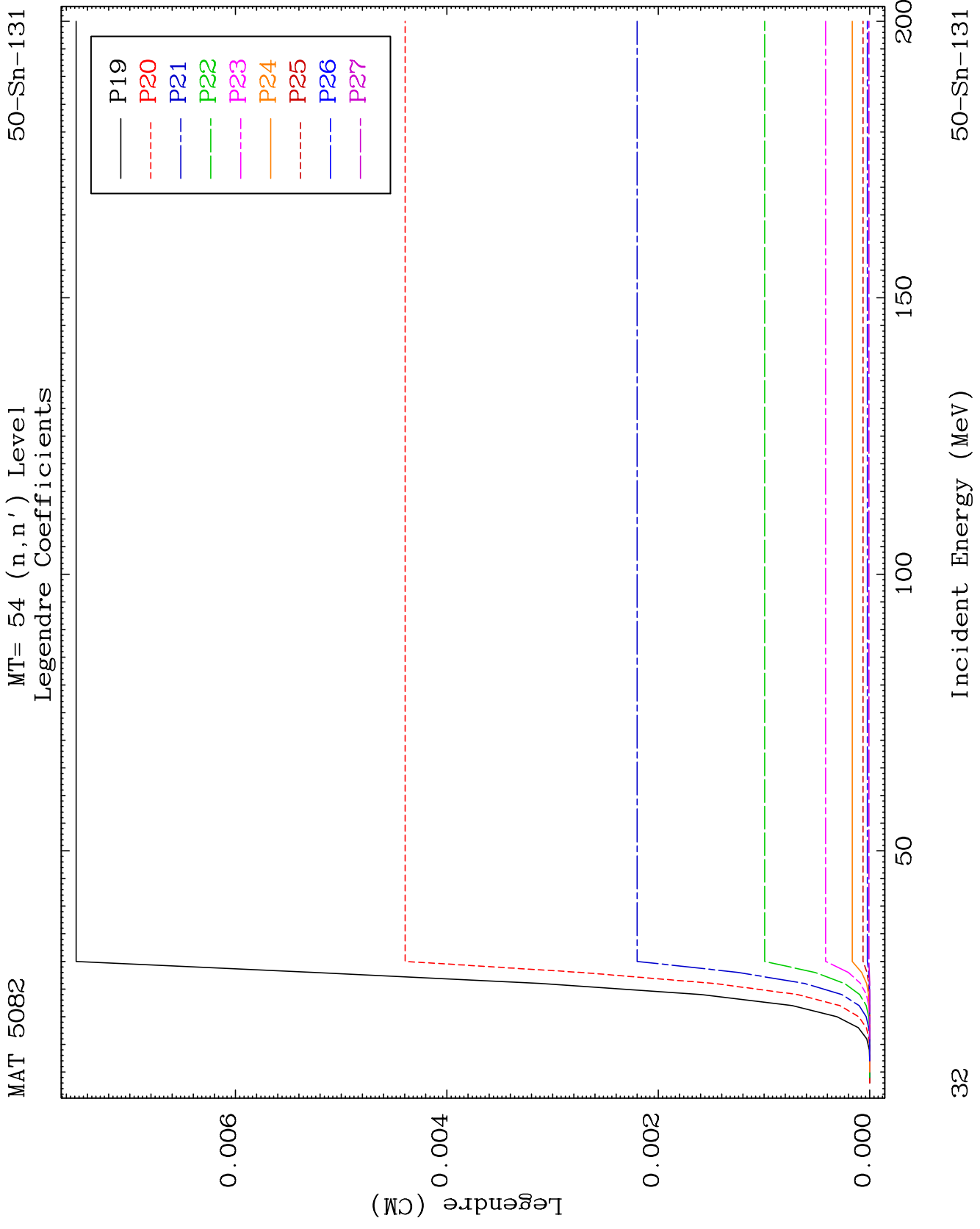
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50-Sn-131





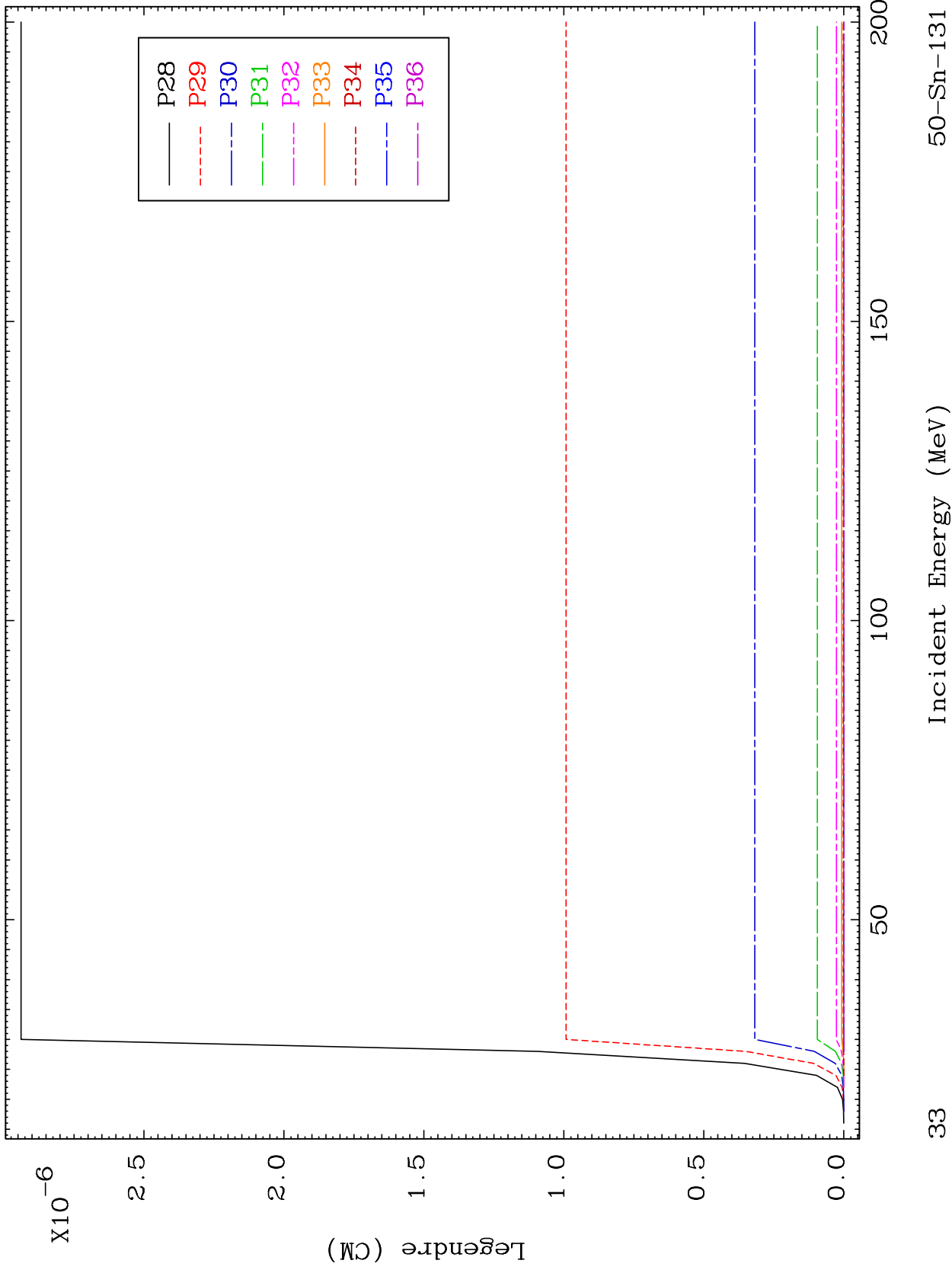




MAT 5082

MT= 54 (n,n') Level  
Legendre Coefficients

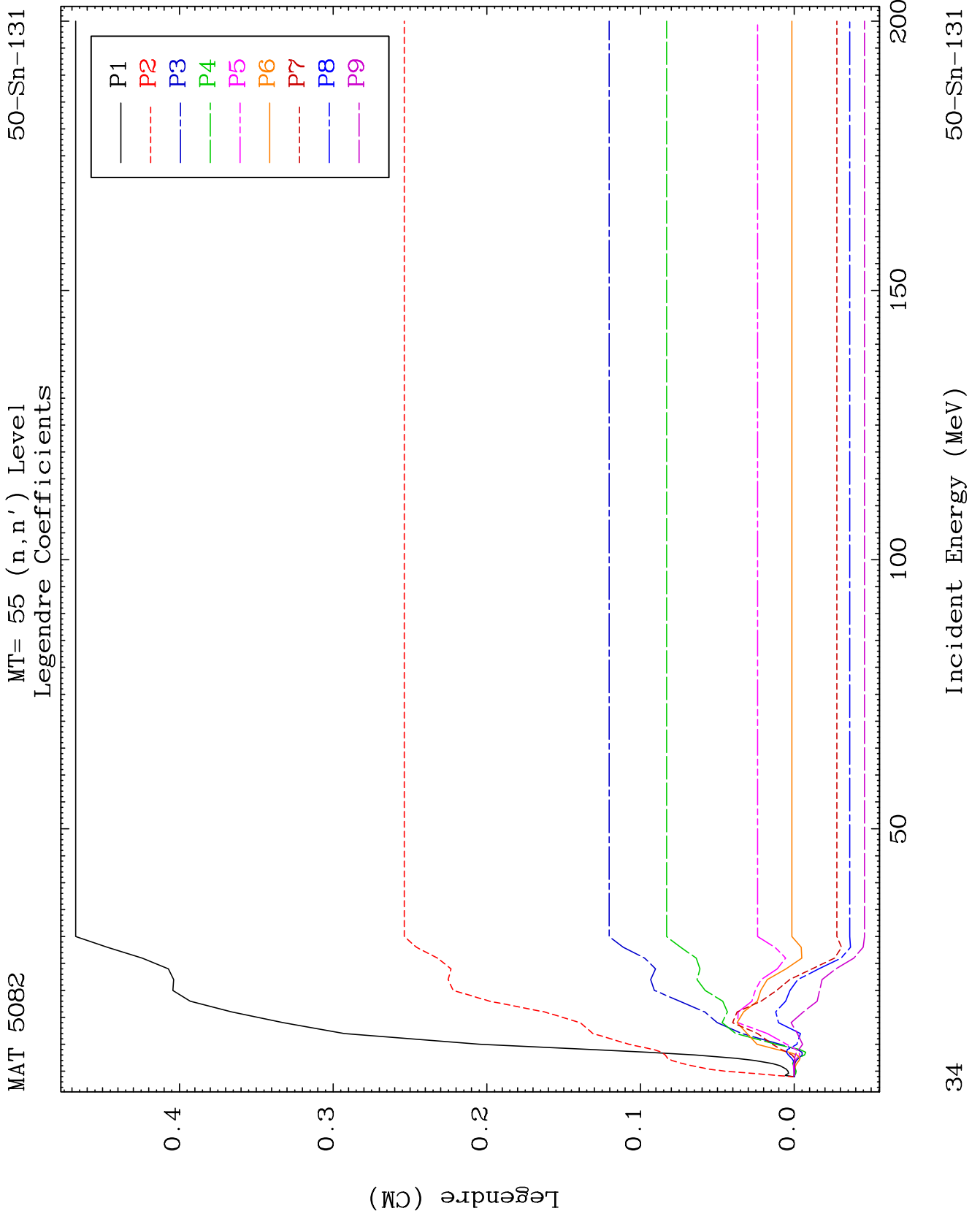
50-Sn-131



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Incident Energy (MeV)

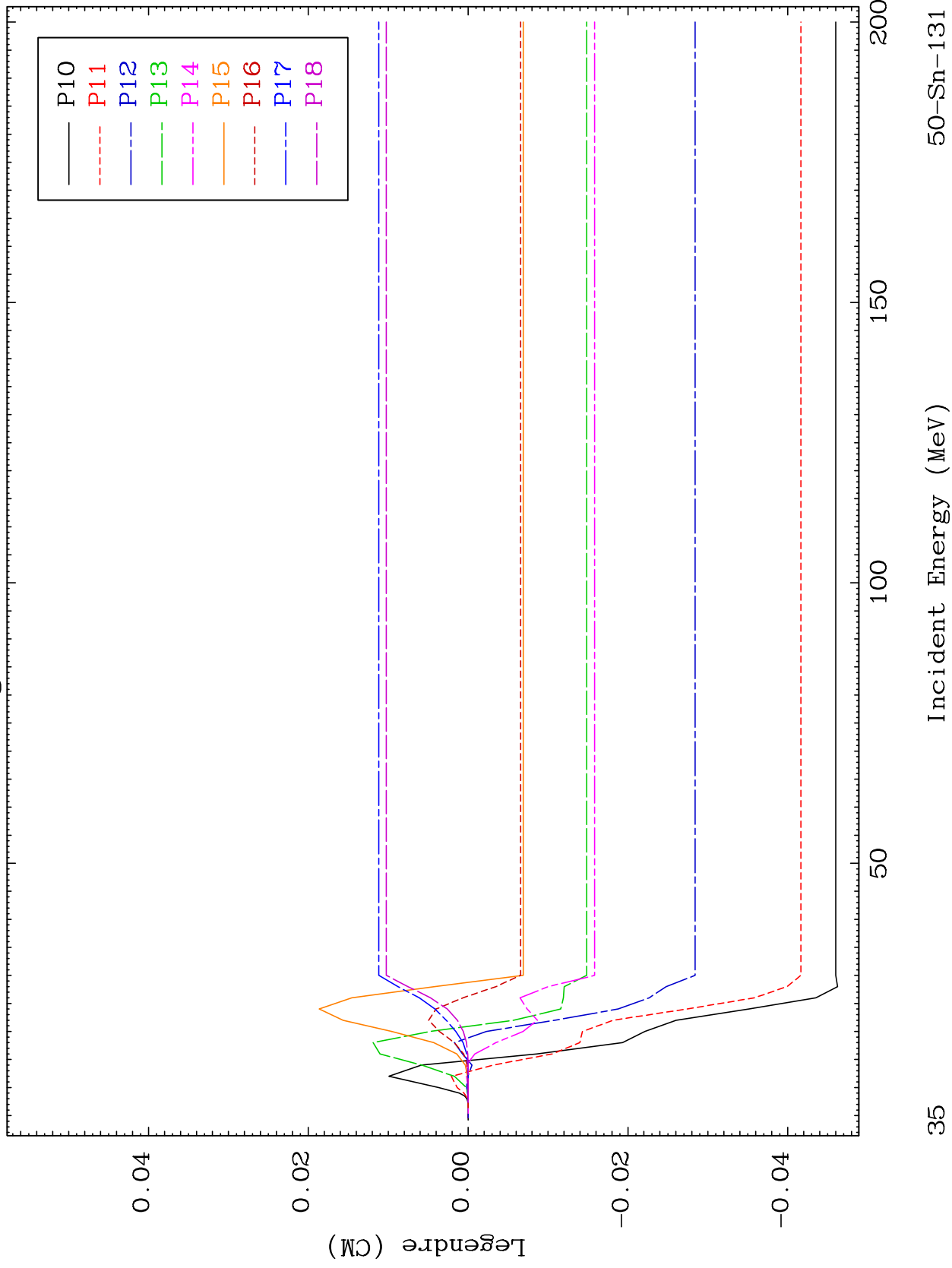
50-Sn-131



MAT 5082

MT= 55 (n,n') Level  
Legendre Coefficients

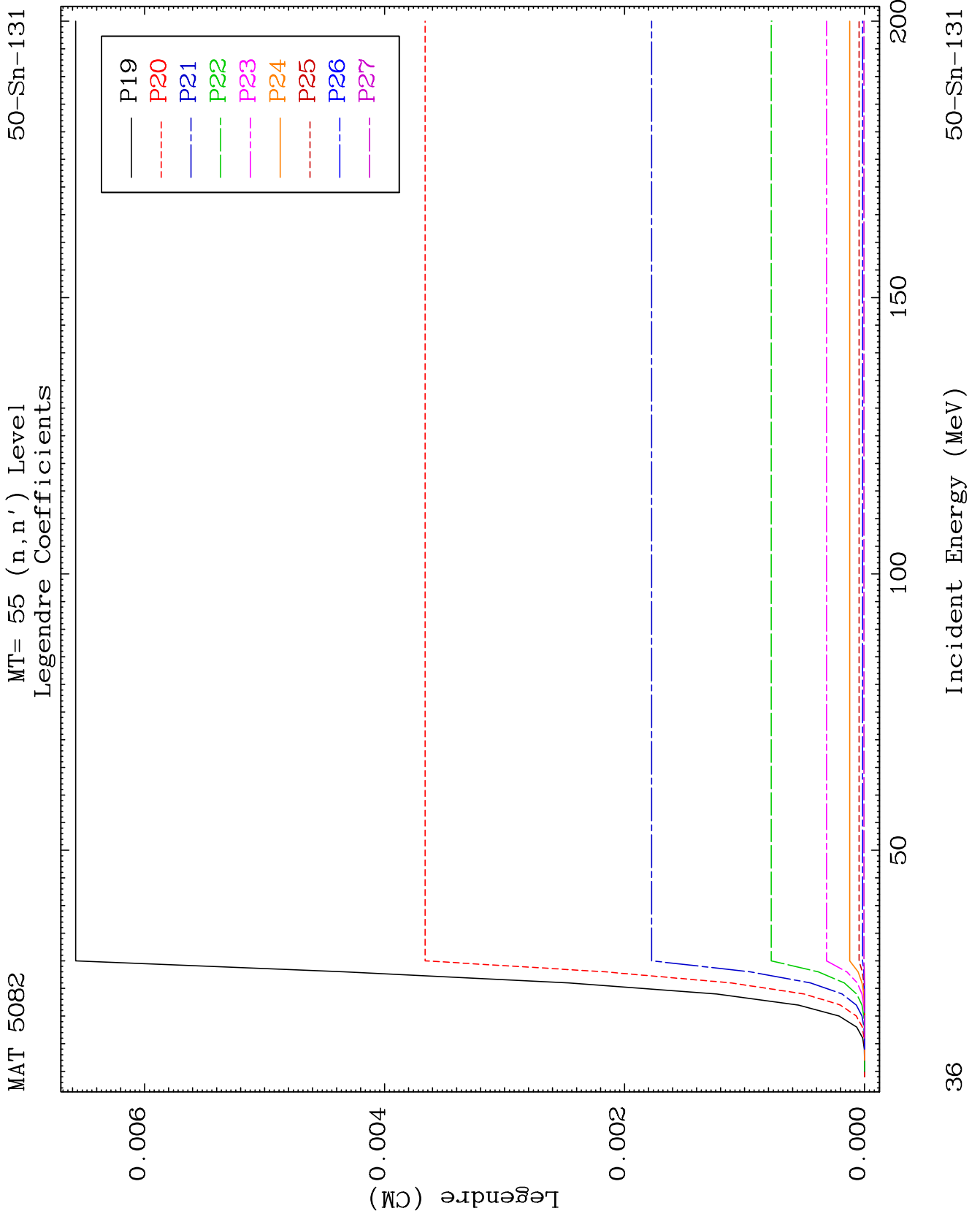
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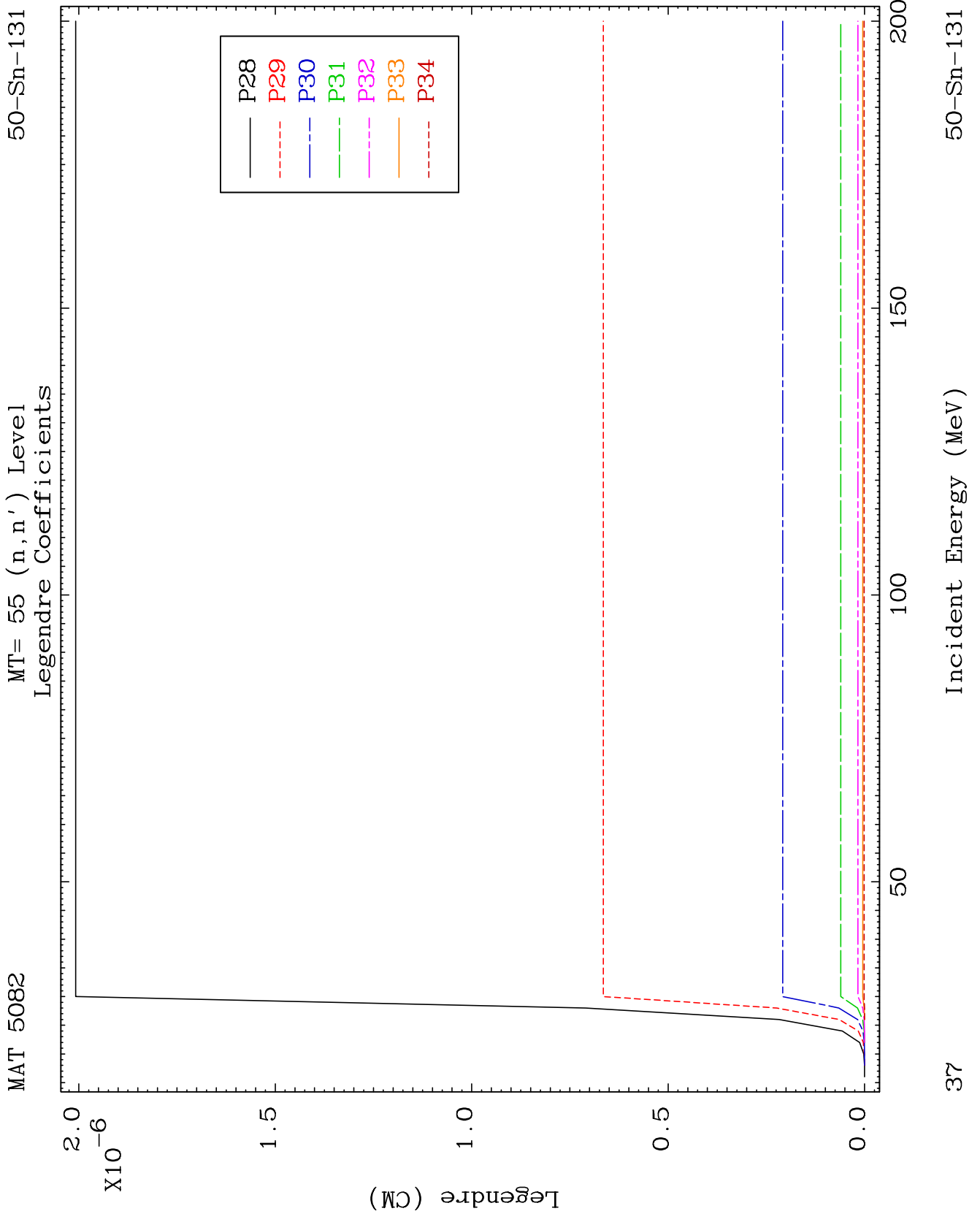


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Incident Energy (MeV)

50-Sn-131

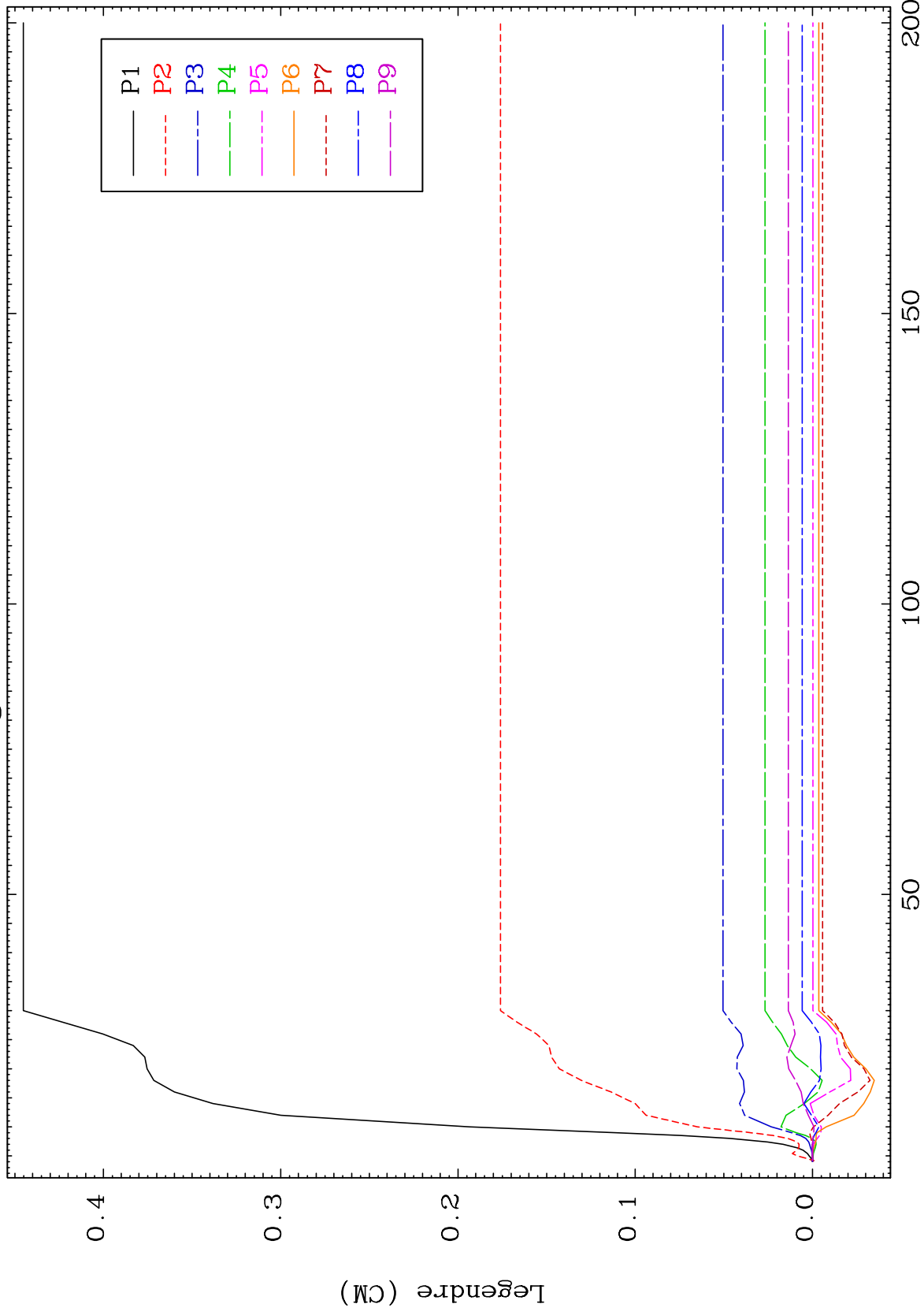




MAT 5082

MT= 56 (n,n') Level  
Legendre Coefficients

50-Sn-131



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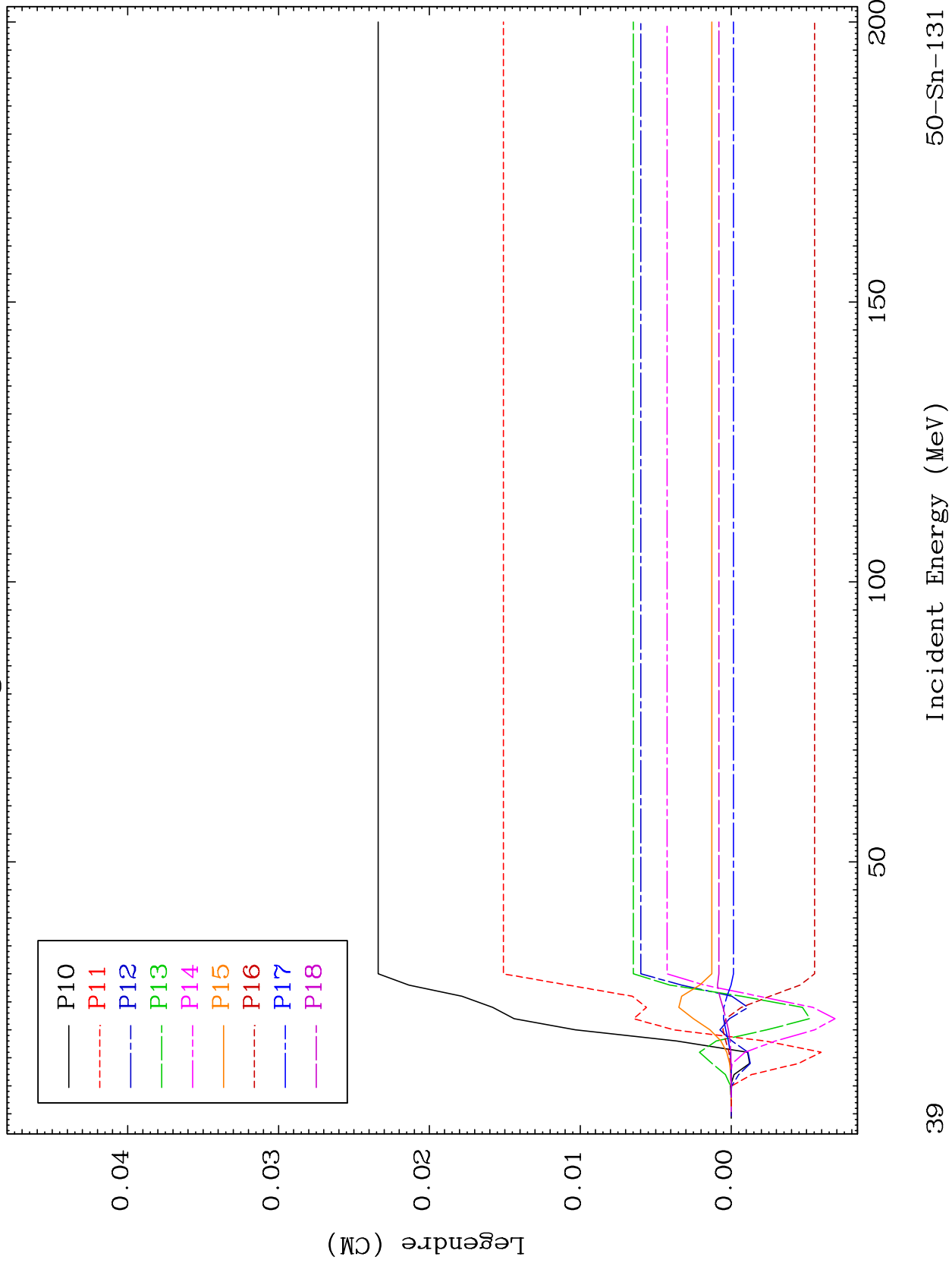
Incident Energy (MeV)

50-Sn-131

MAT 5082

MT= 56 (n,n') Level  
Legendre Coefficients

50-Sn-131



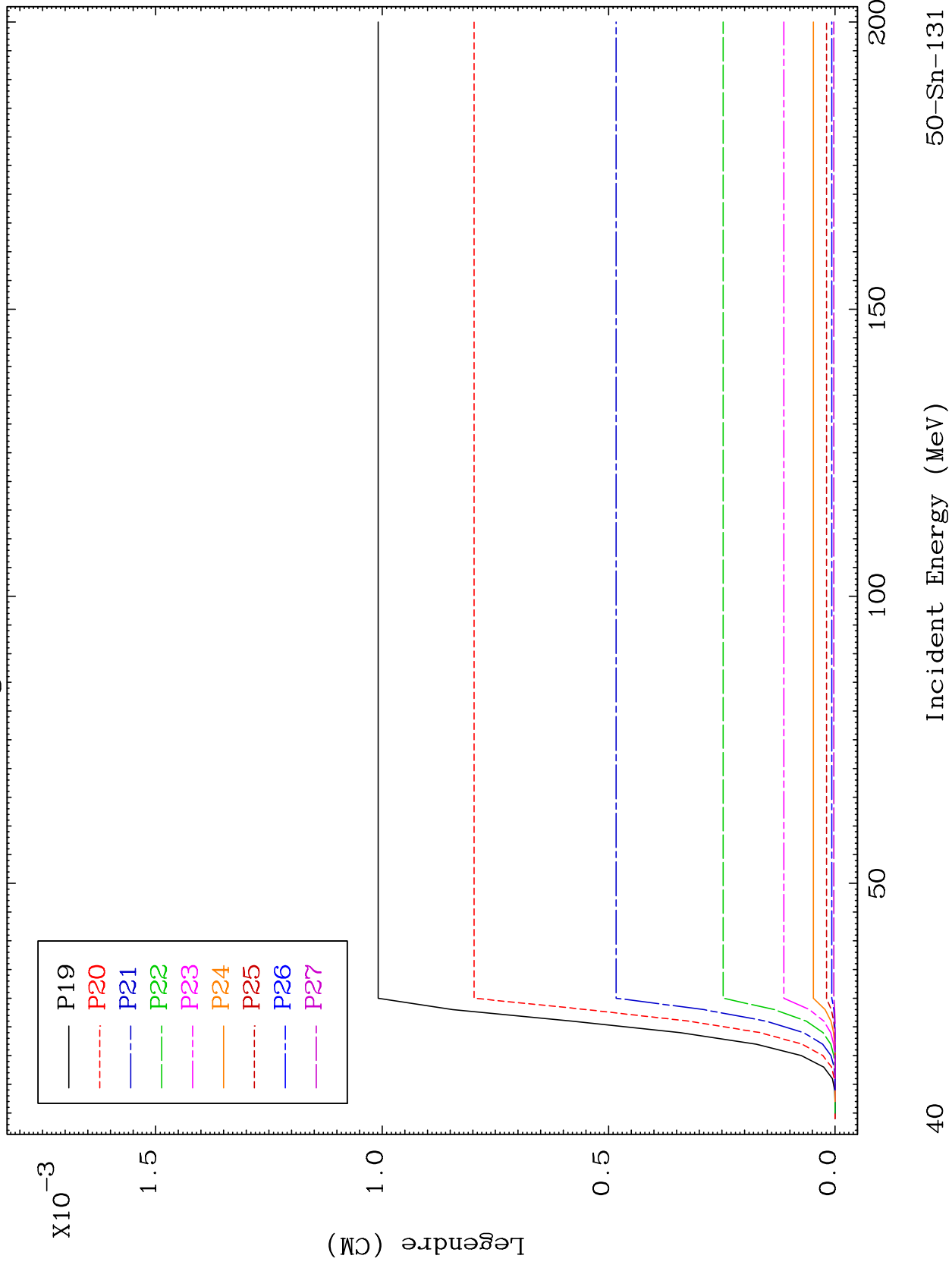
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MAT 5082

MT= 56 (n,n') Level  
Legendre Coefficients

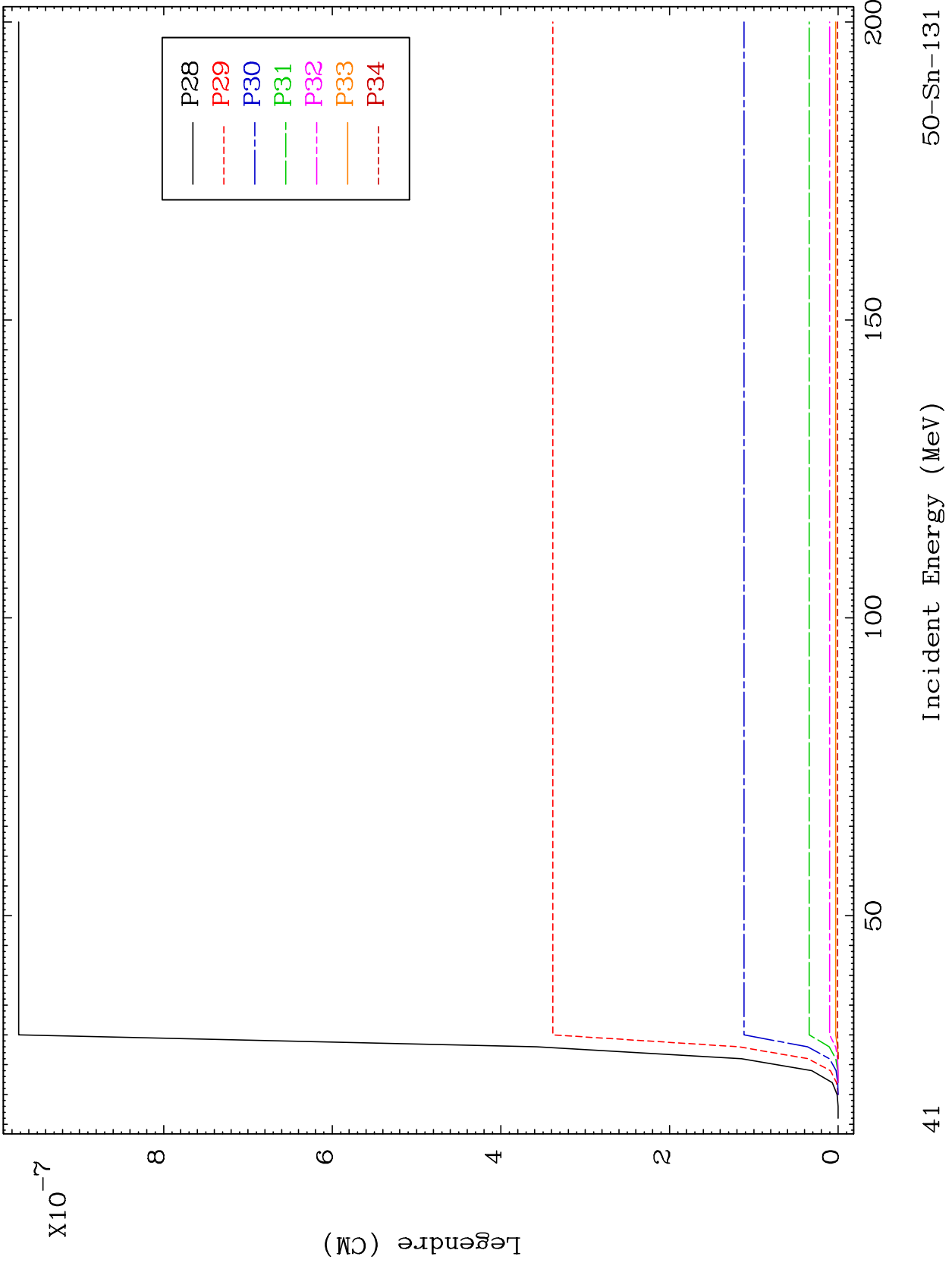
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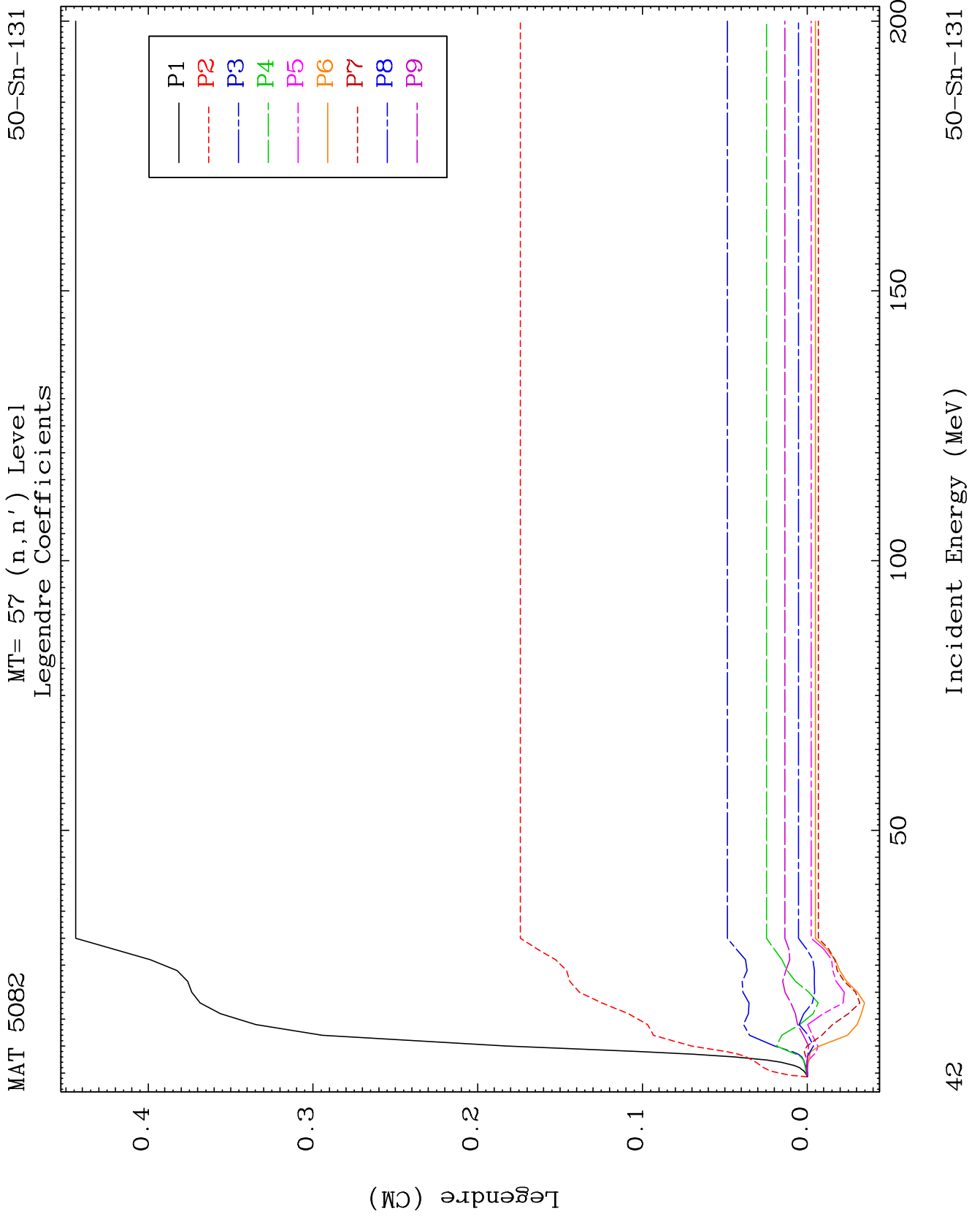


MAT 5082

MT= 56 (n,n') Level  
Legendre Coefficients

50-Sn-131

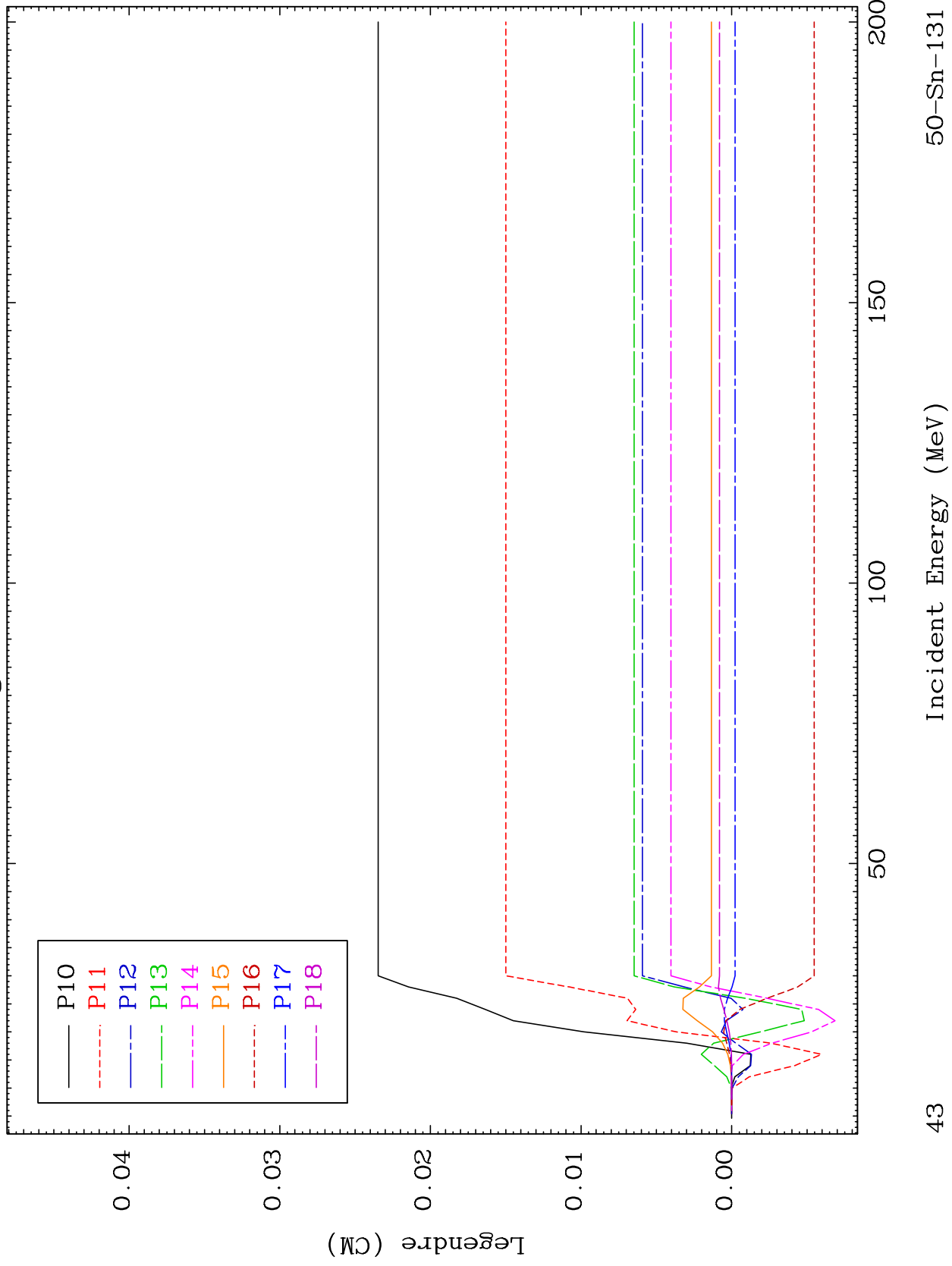




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50-Sn-131

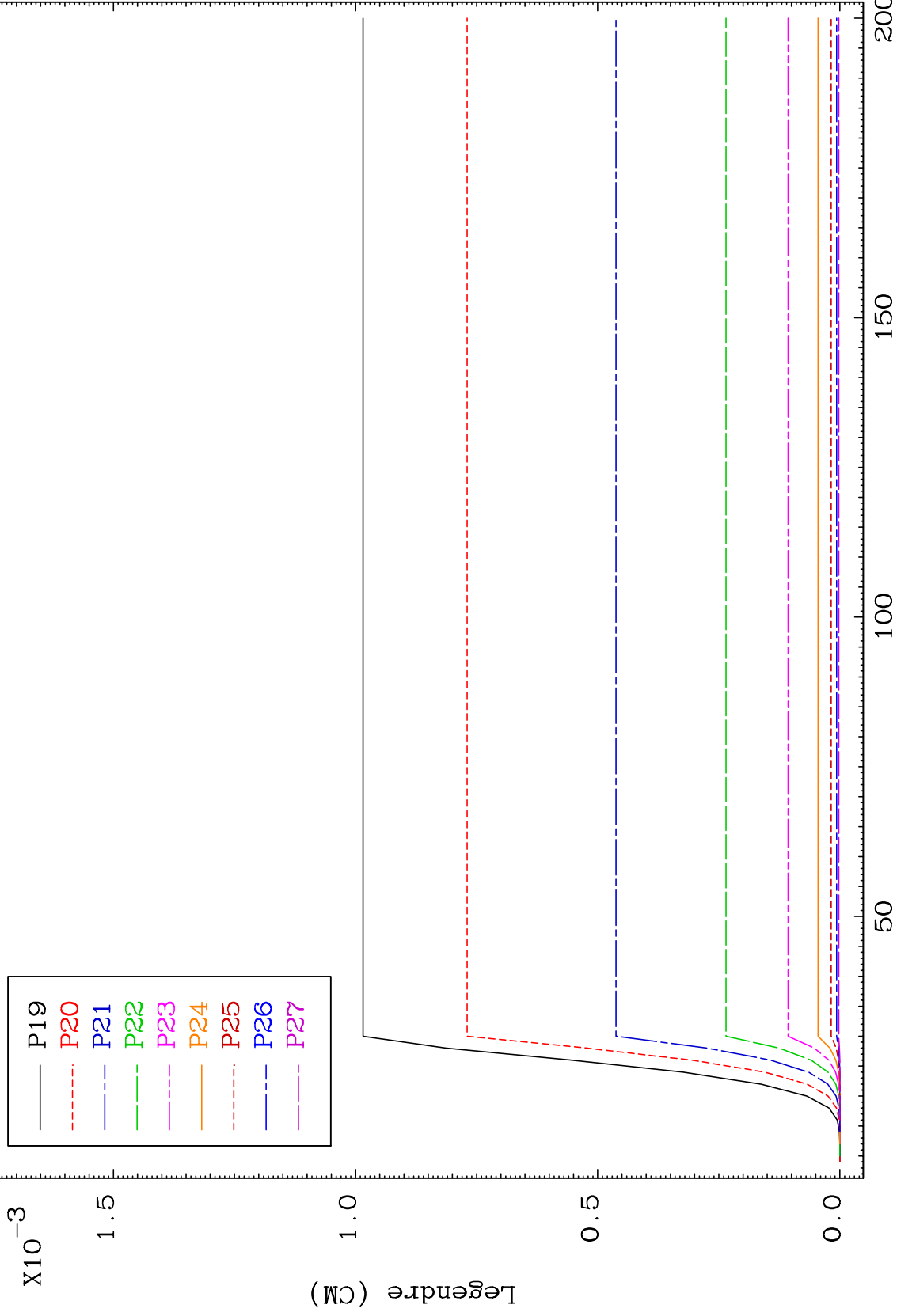
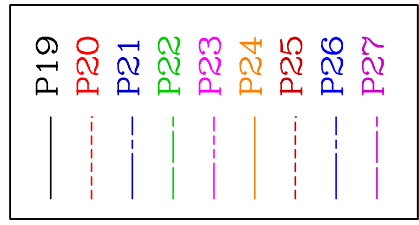
MT= 57 (n,n') Level  
Legendre Coefficients



MAT 5082

MT= 57 (n,n') Level  
Legendre Coefficients

50-Sn-131



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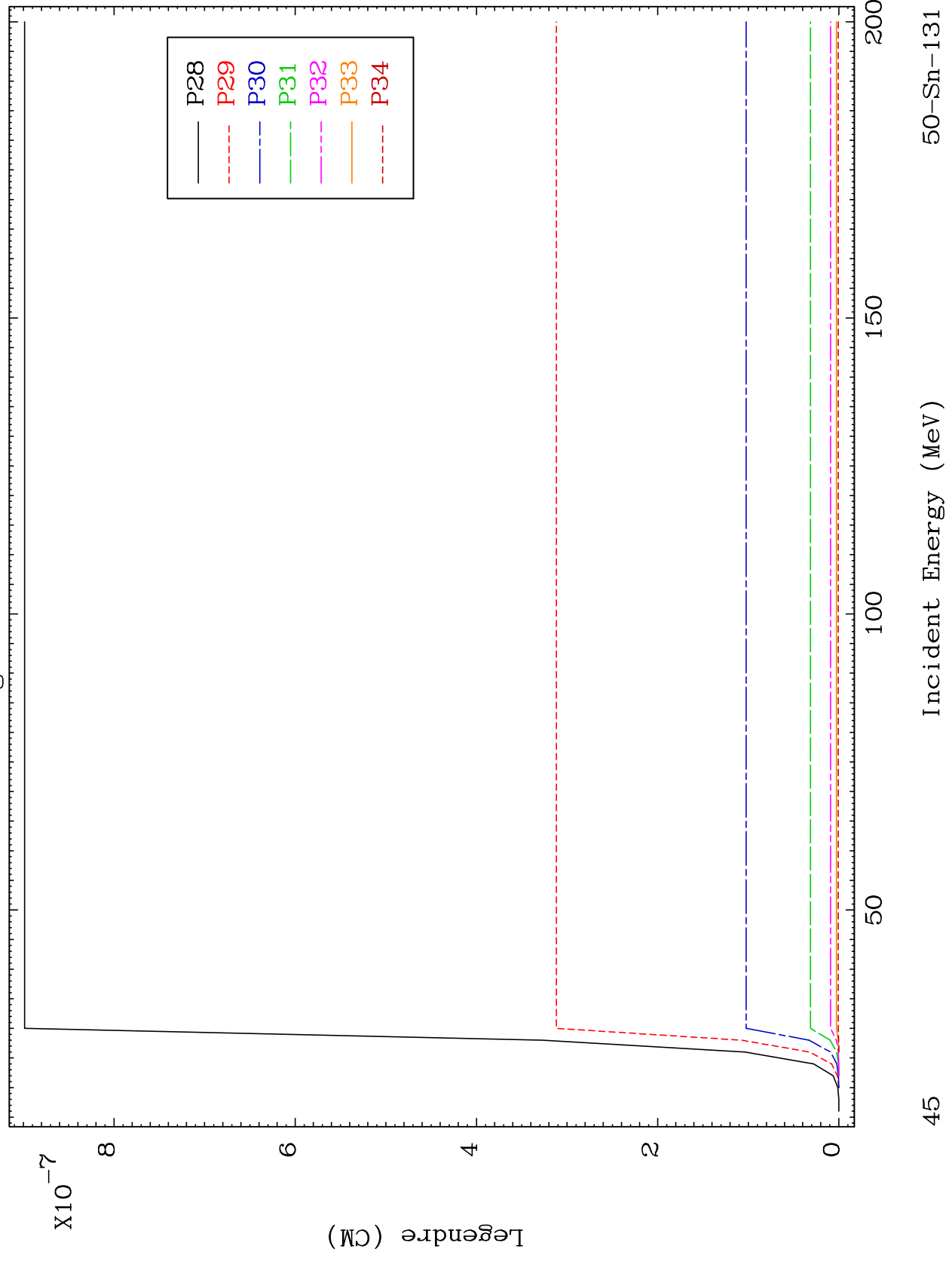
Incident Energy (MeV)

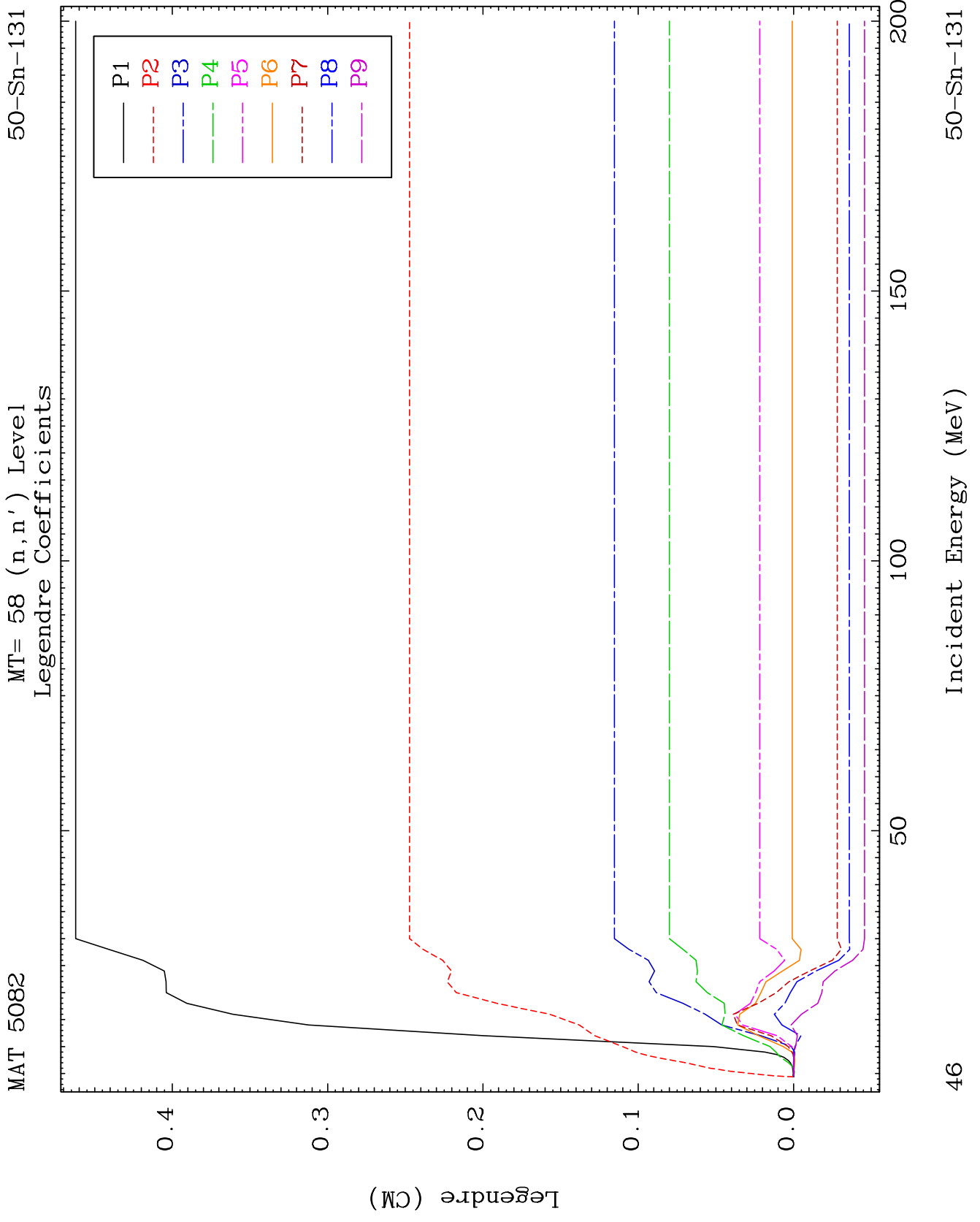
50-Sn-131

MAT 5082

MT= 57 (n,n') Level  
Legendre Coefficients

50-Sn-131

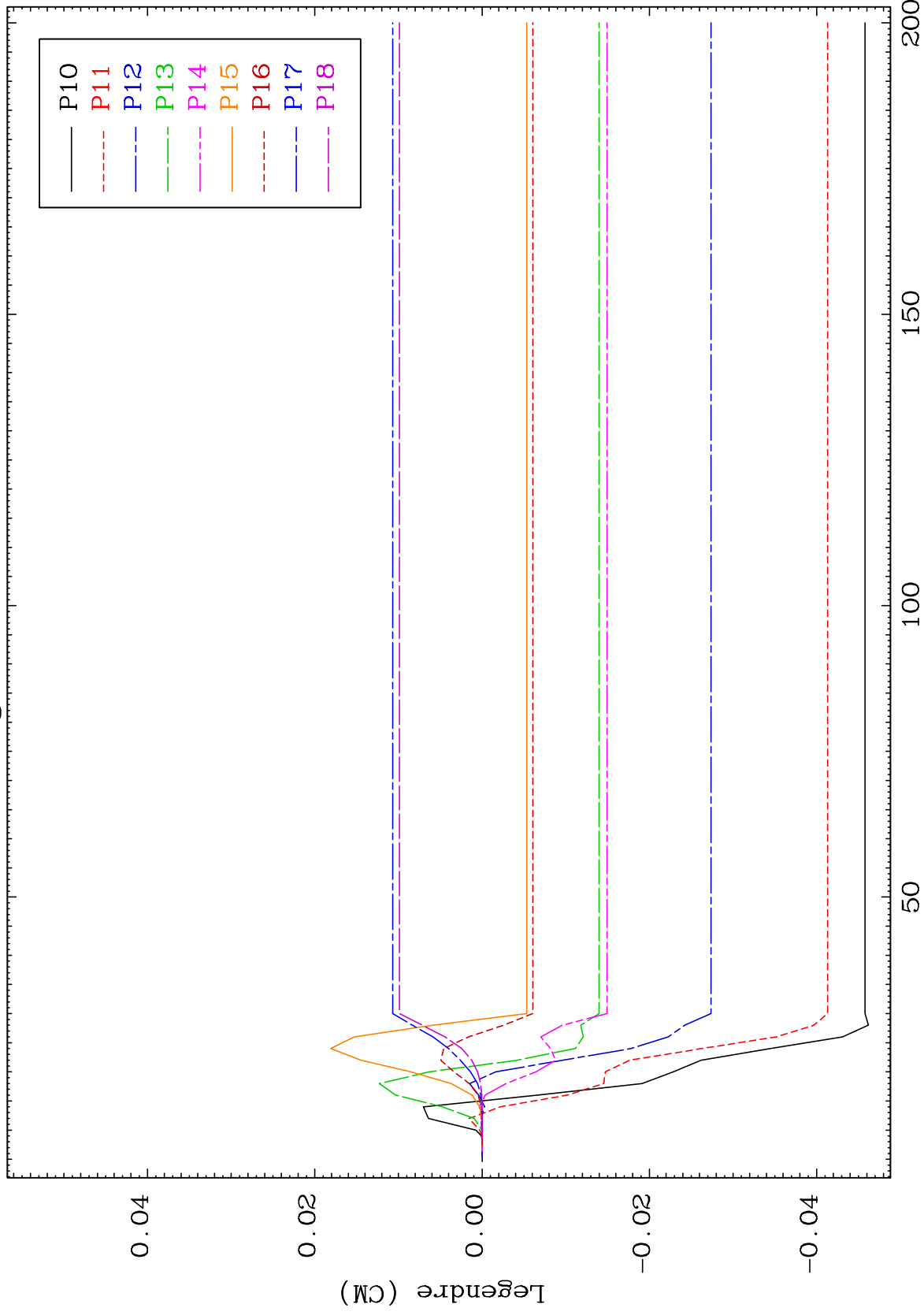




MAT 5082

MT= 58 (n,n') Level  
Legendre Coefficients

50-Sn-131

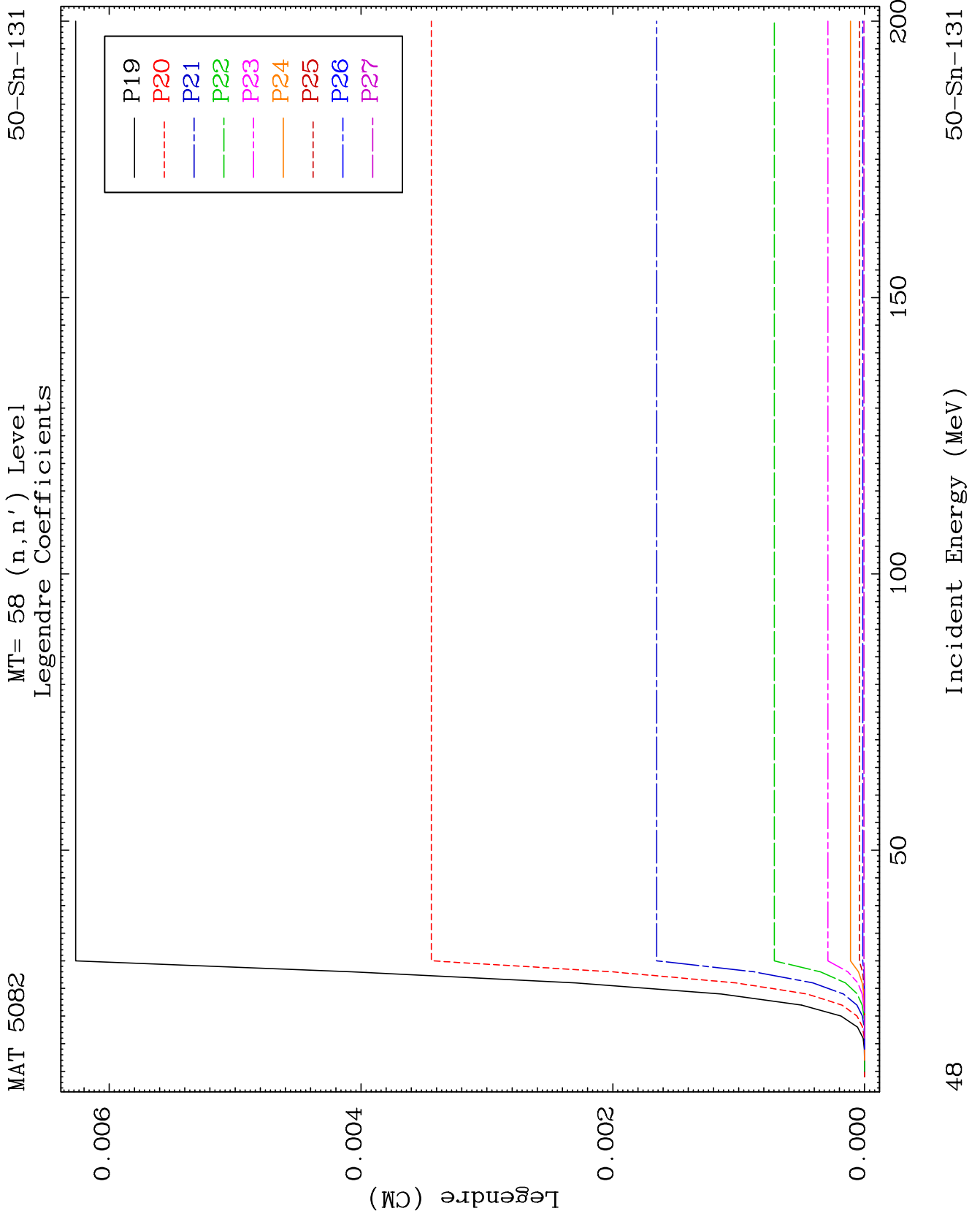


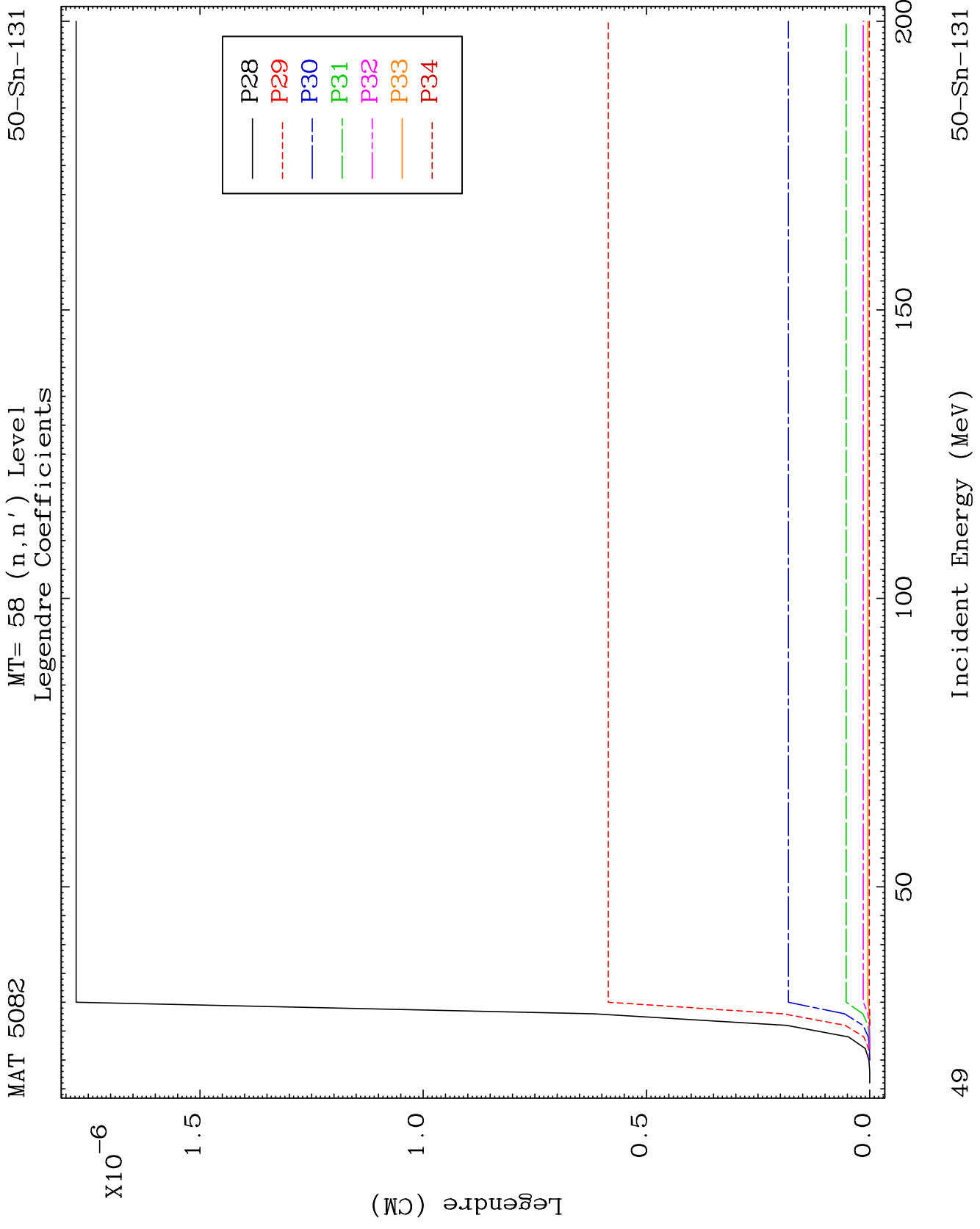
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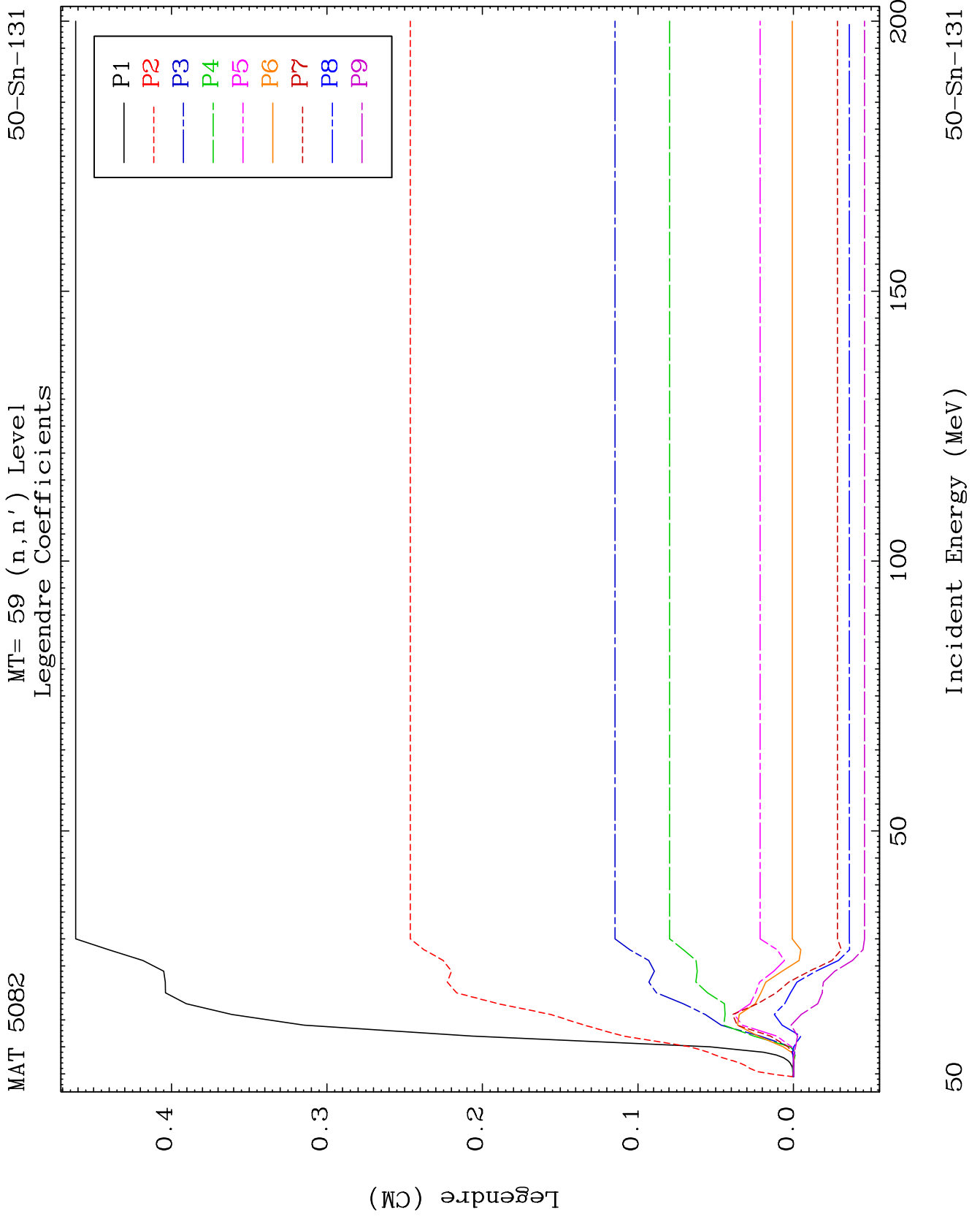
Incident Energy (MeV)

50-Sn-131





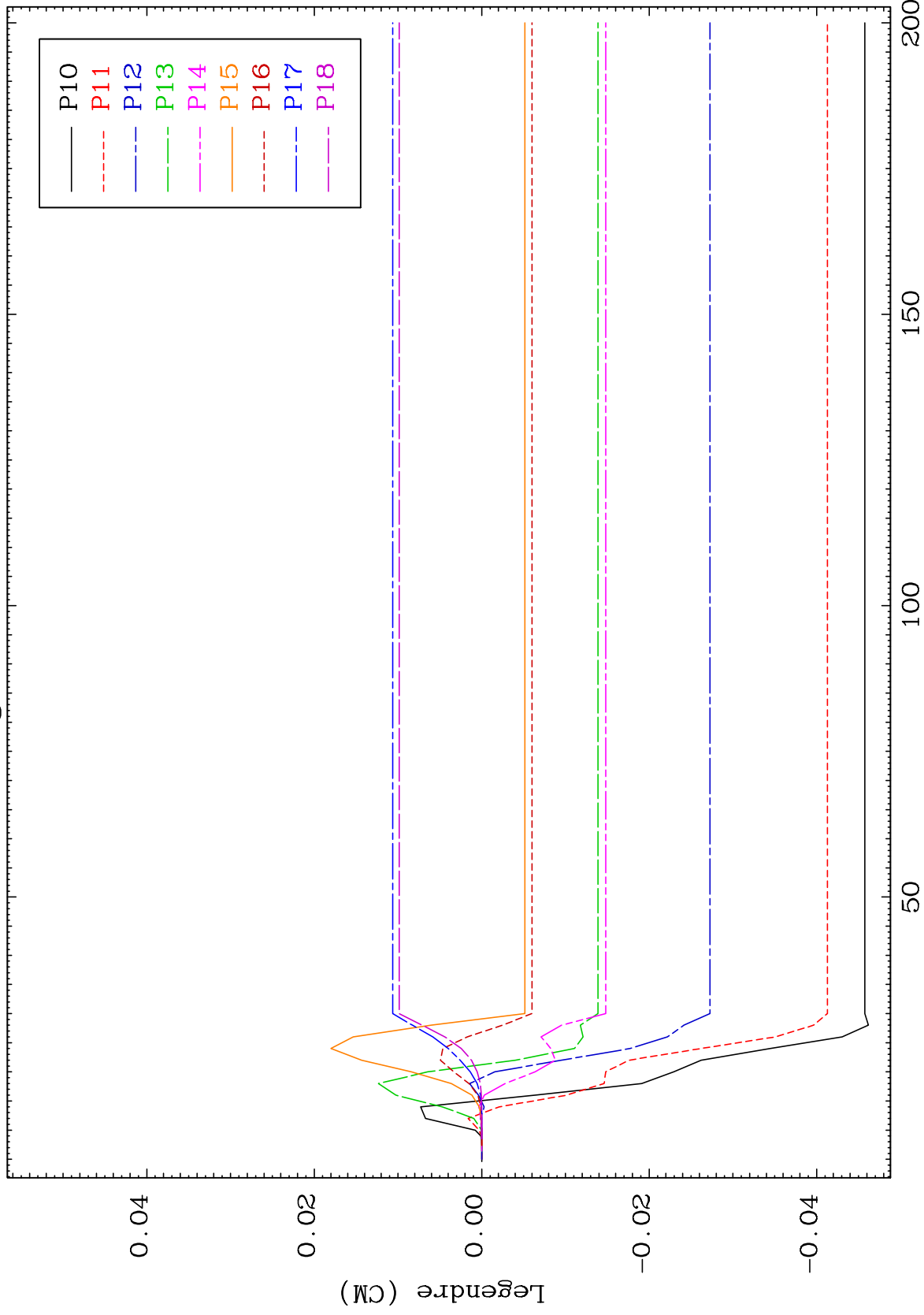




MAT 5082

MT= 59 (n,n') Level  
Legendre Coefficients

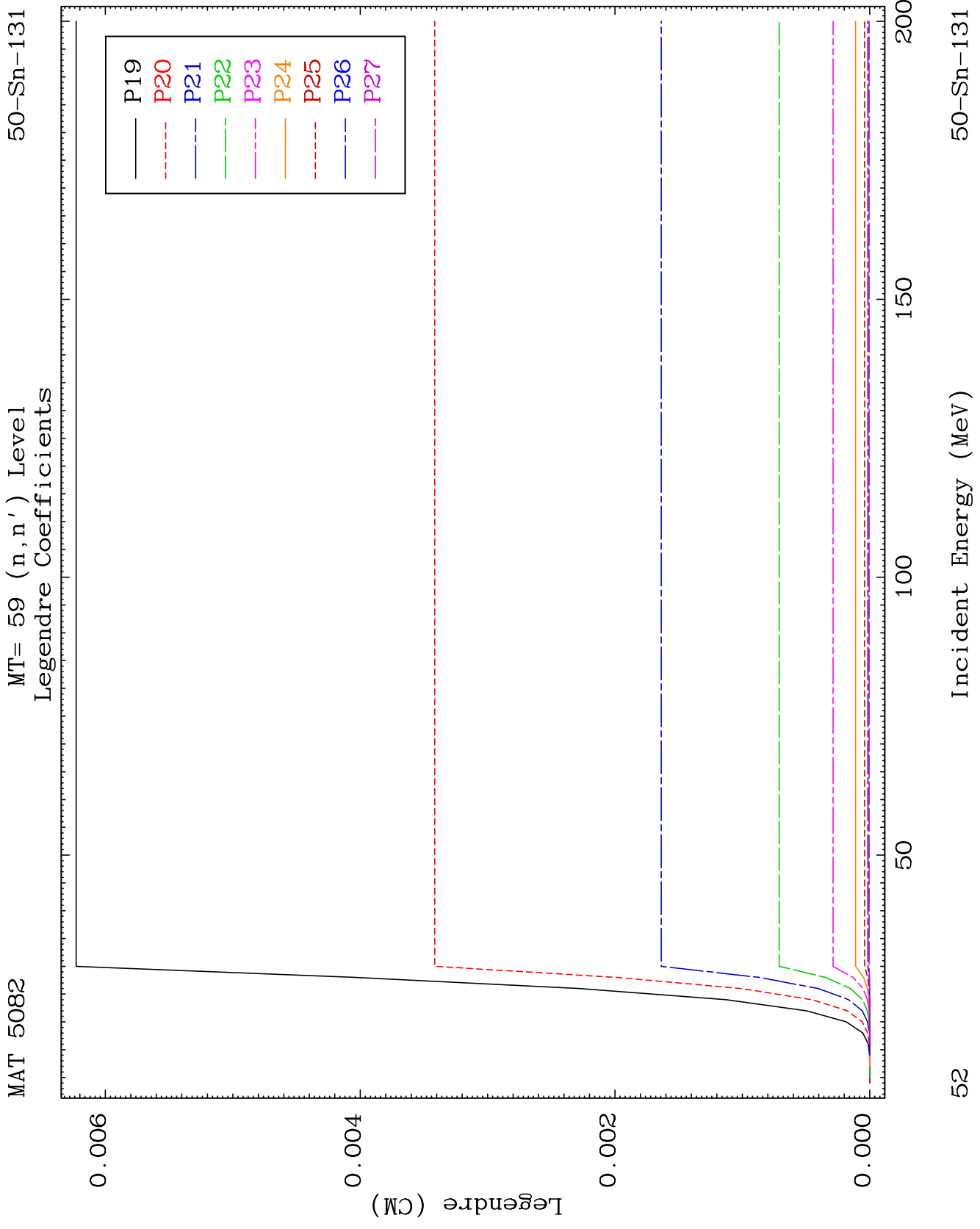
50-Sn-131



51

Incident Energy (MeV)

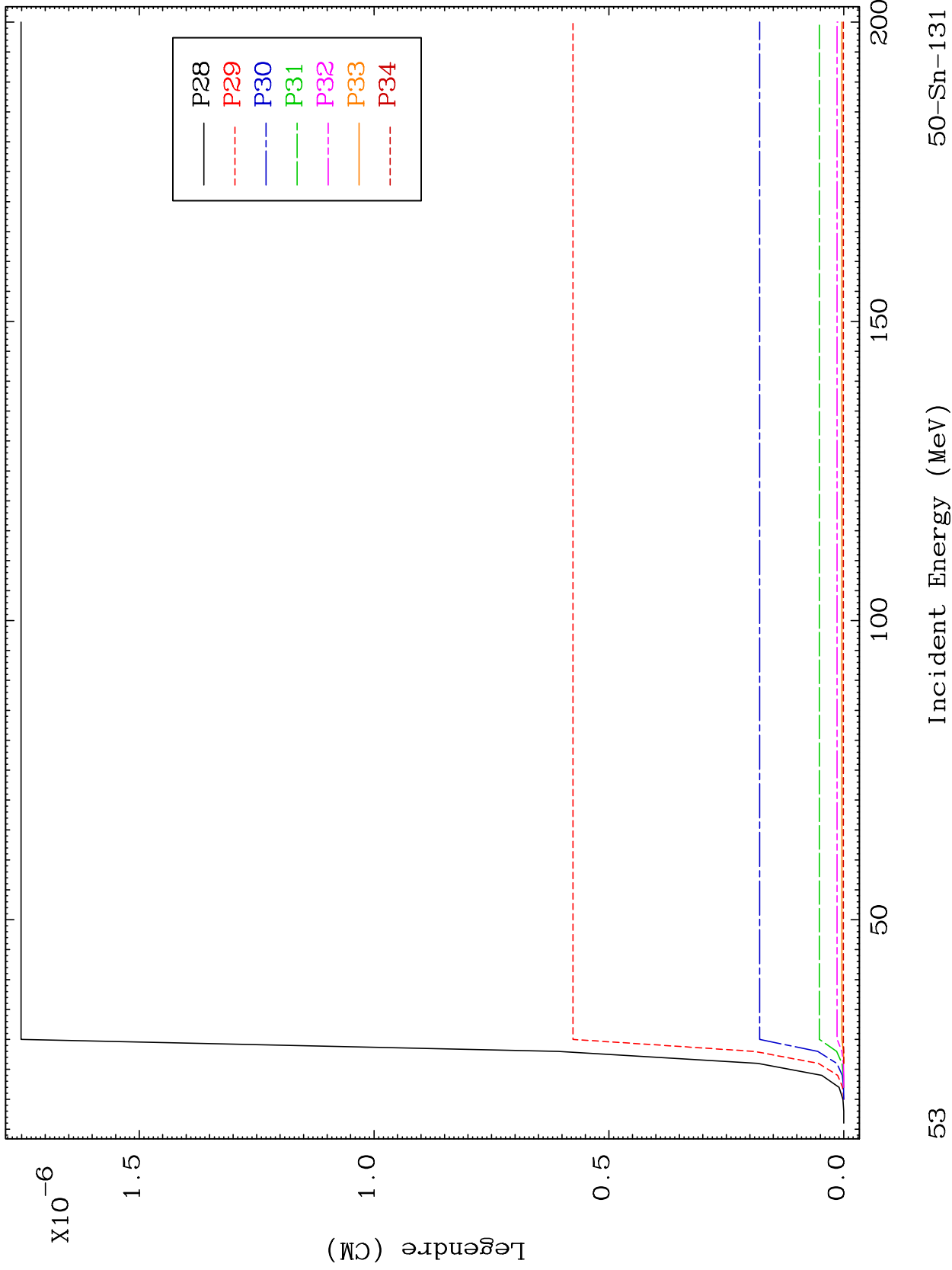
50-Sn-131



MAT 5082

MT= 59 (n,n') Level  
Legendre Coefficients

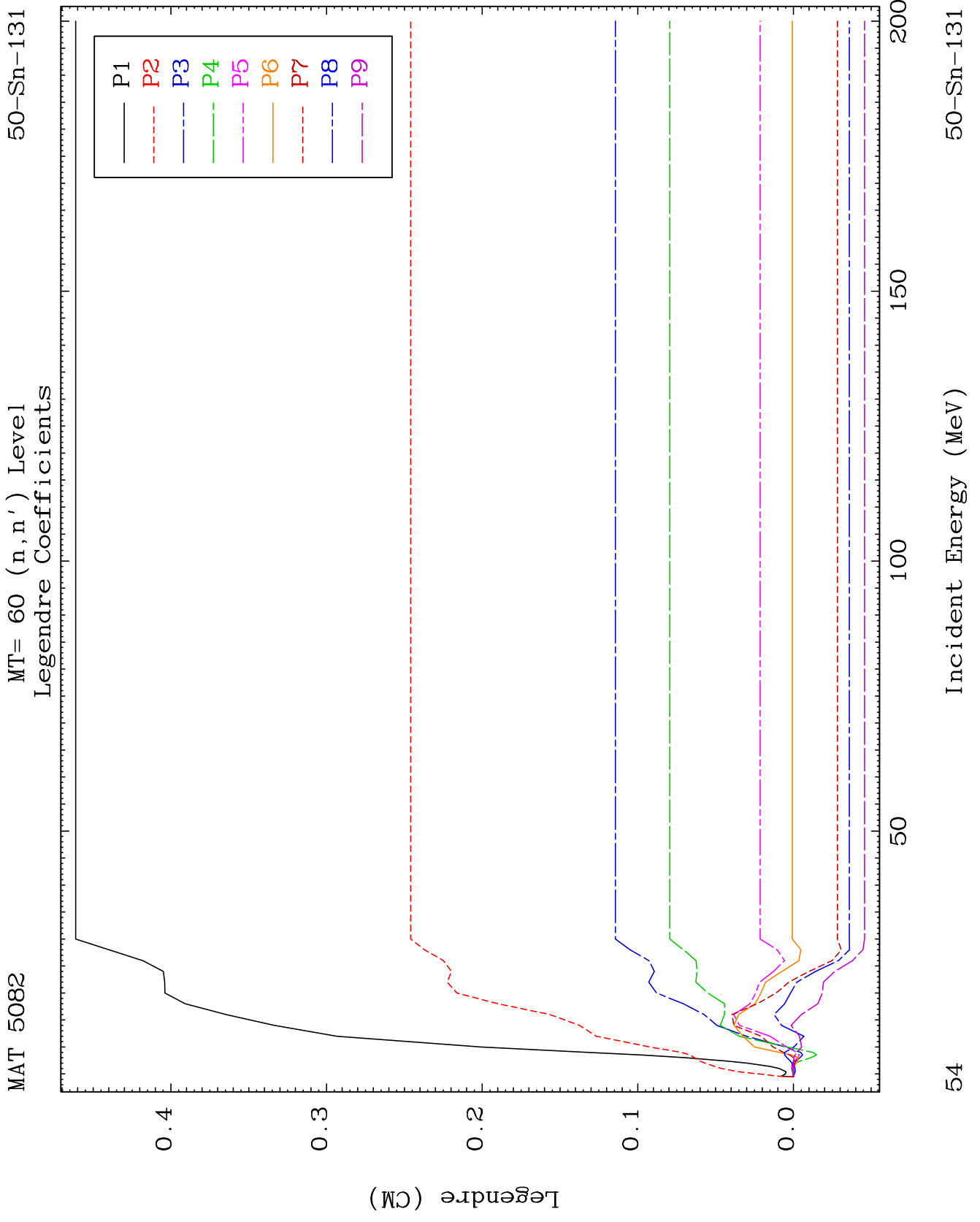
50-Sn-131



53

Incident Energy (MeV)

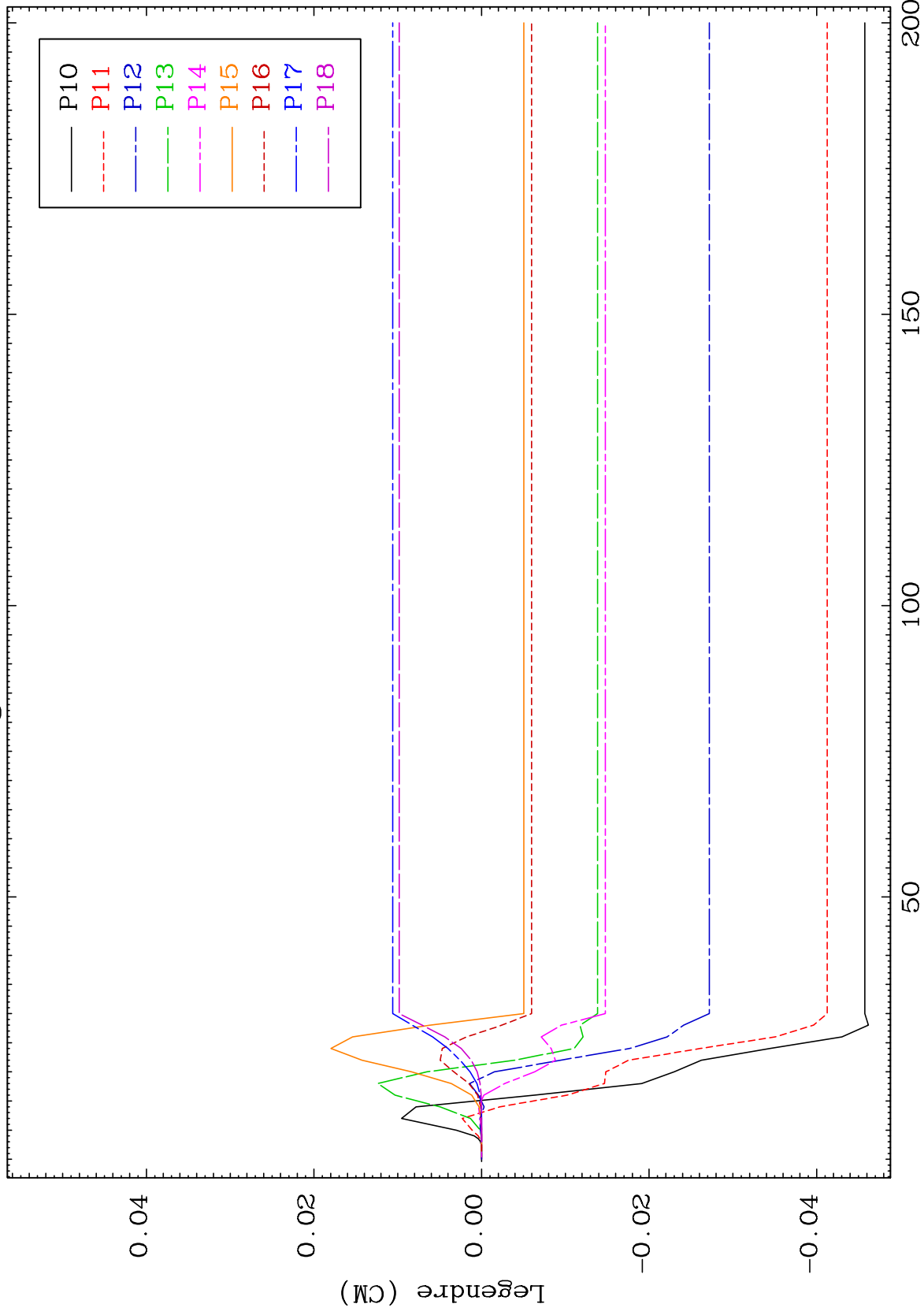
50-Sn-131



MAT 5082

MT= 60 (n,n') Level  
Legendre Coefficients

50-Sn-131

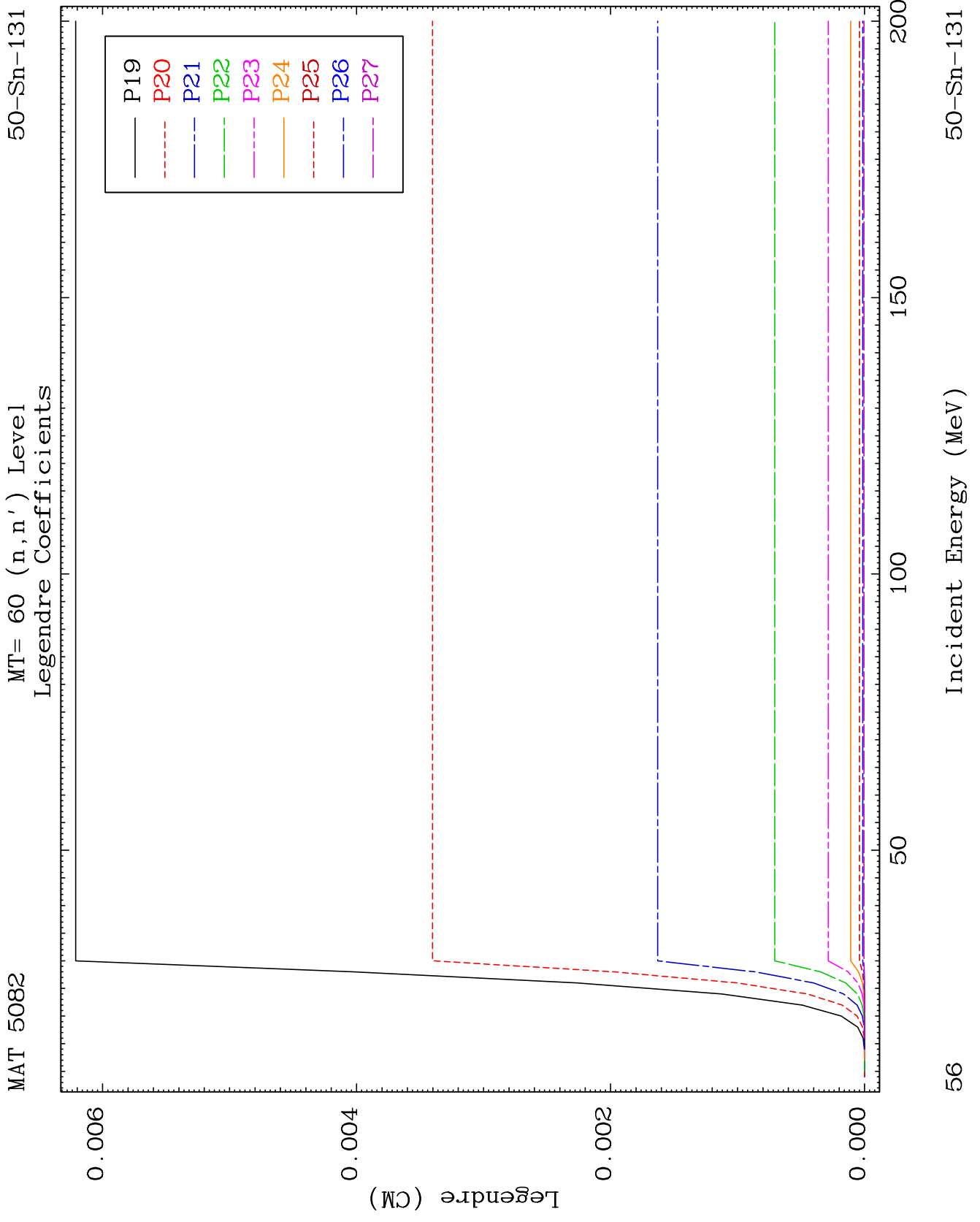


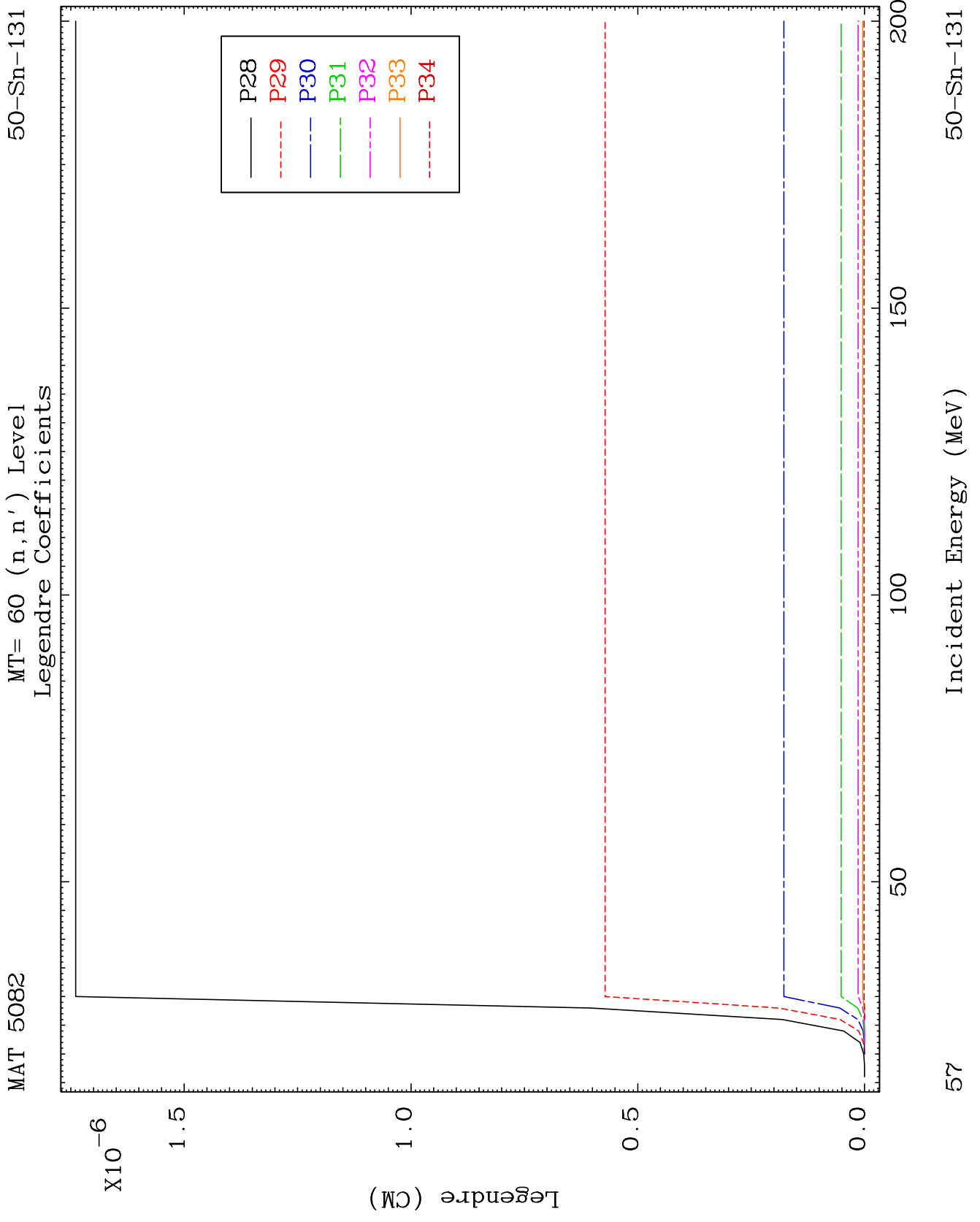
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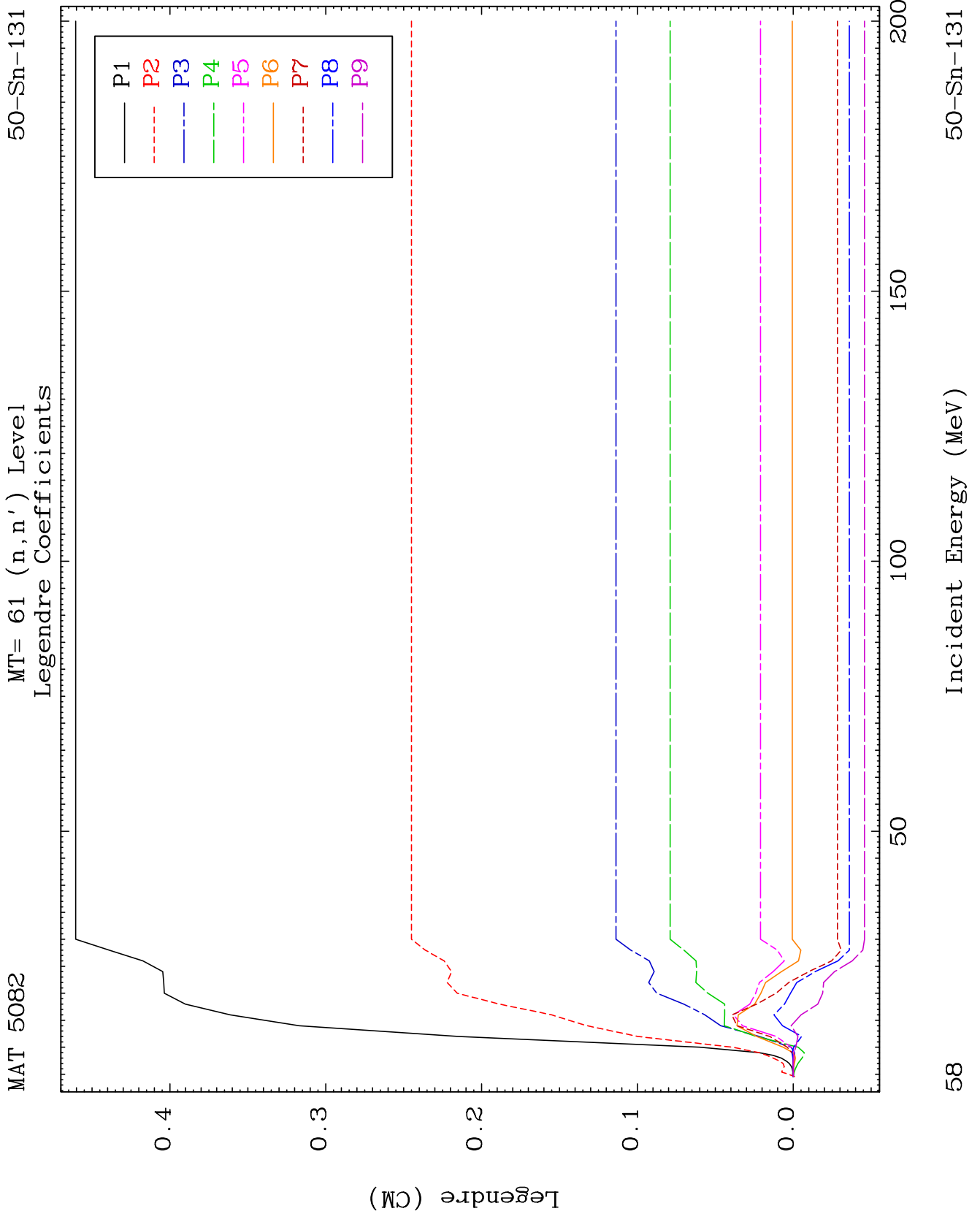
Incident Energy (MeV)

50-Sn-131





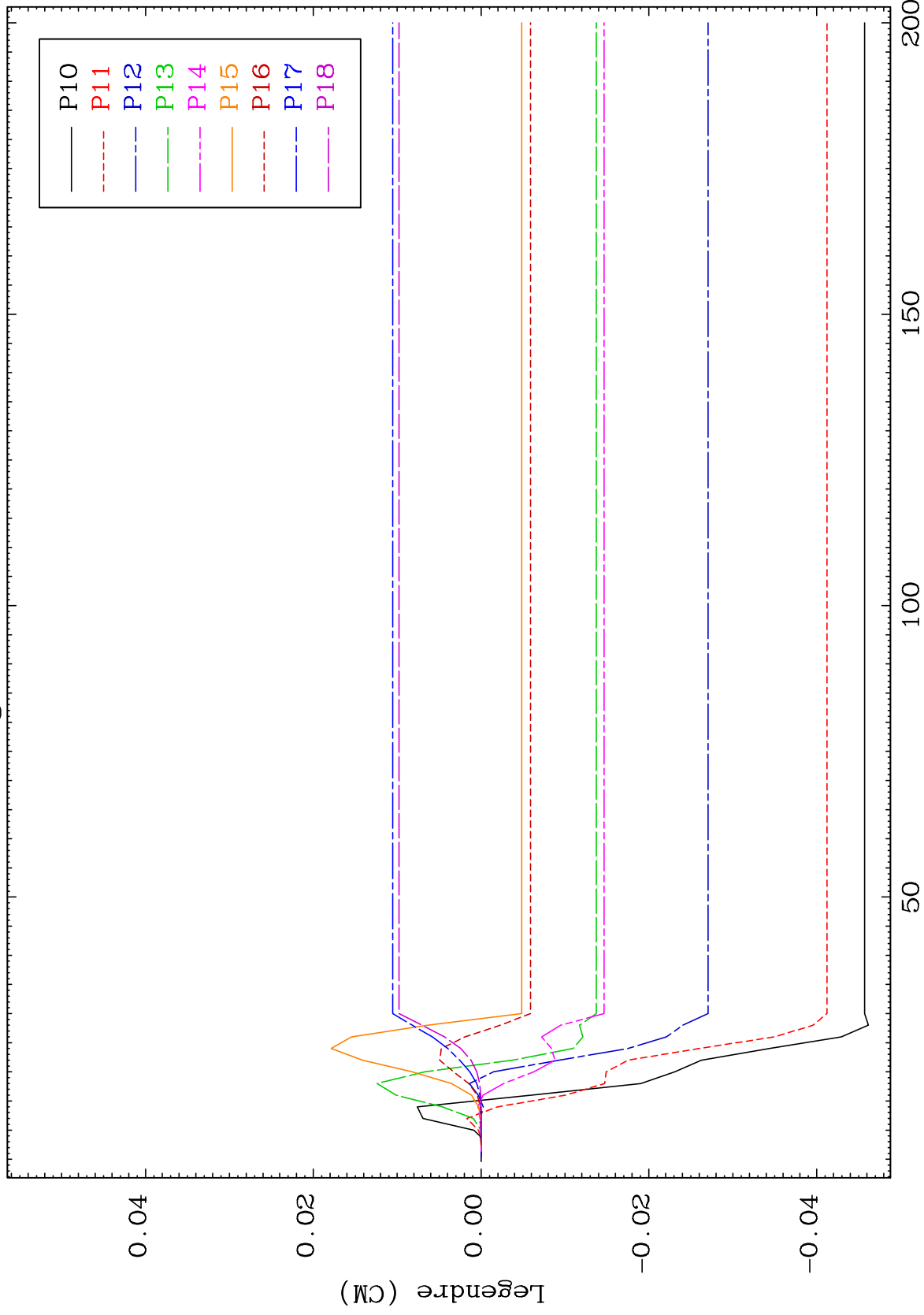




MAT 5082

MT= 61 (n,n') Level  
Legendre Coefficients

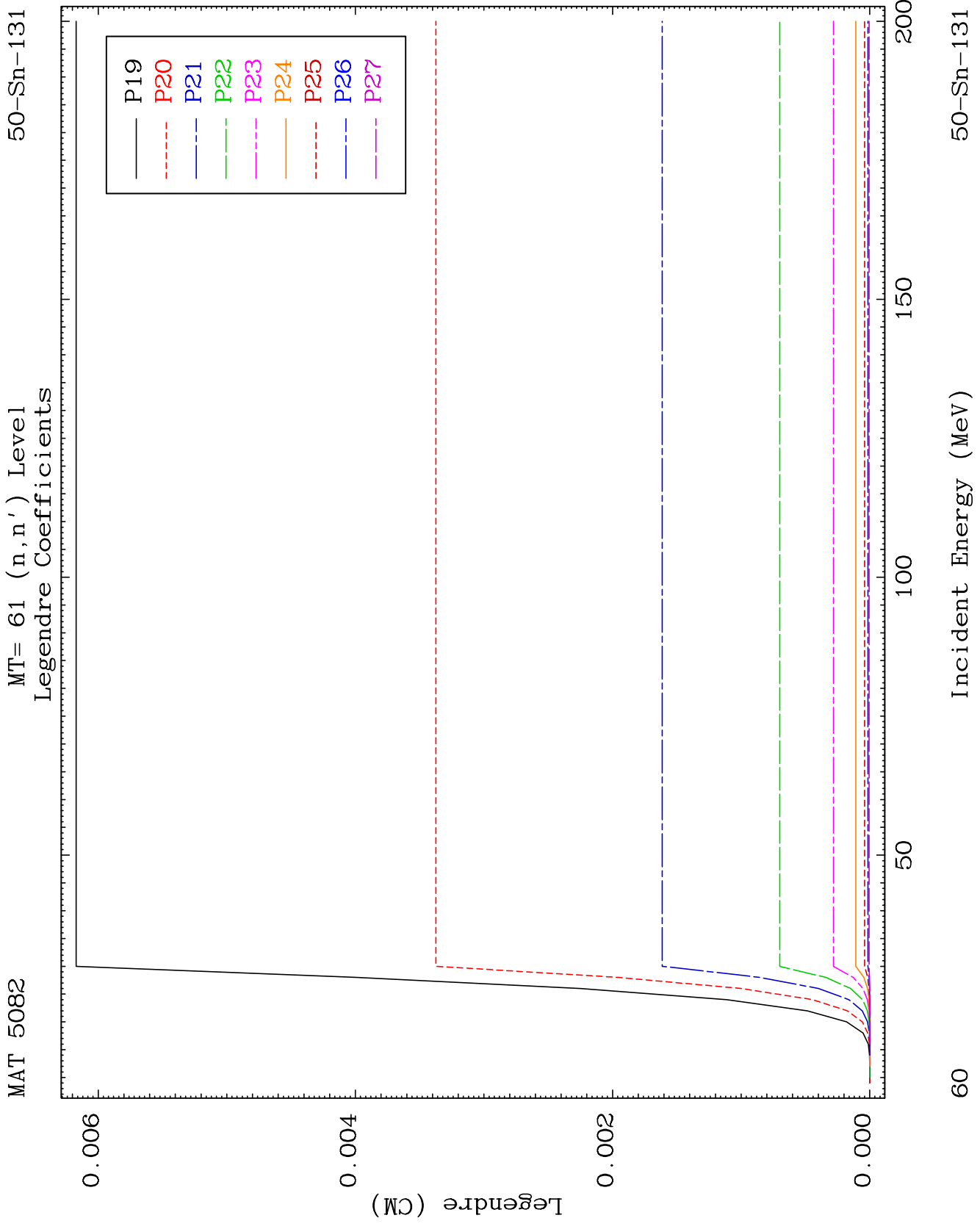
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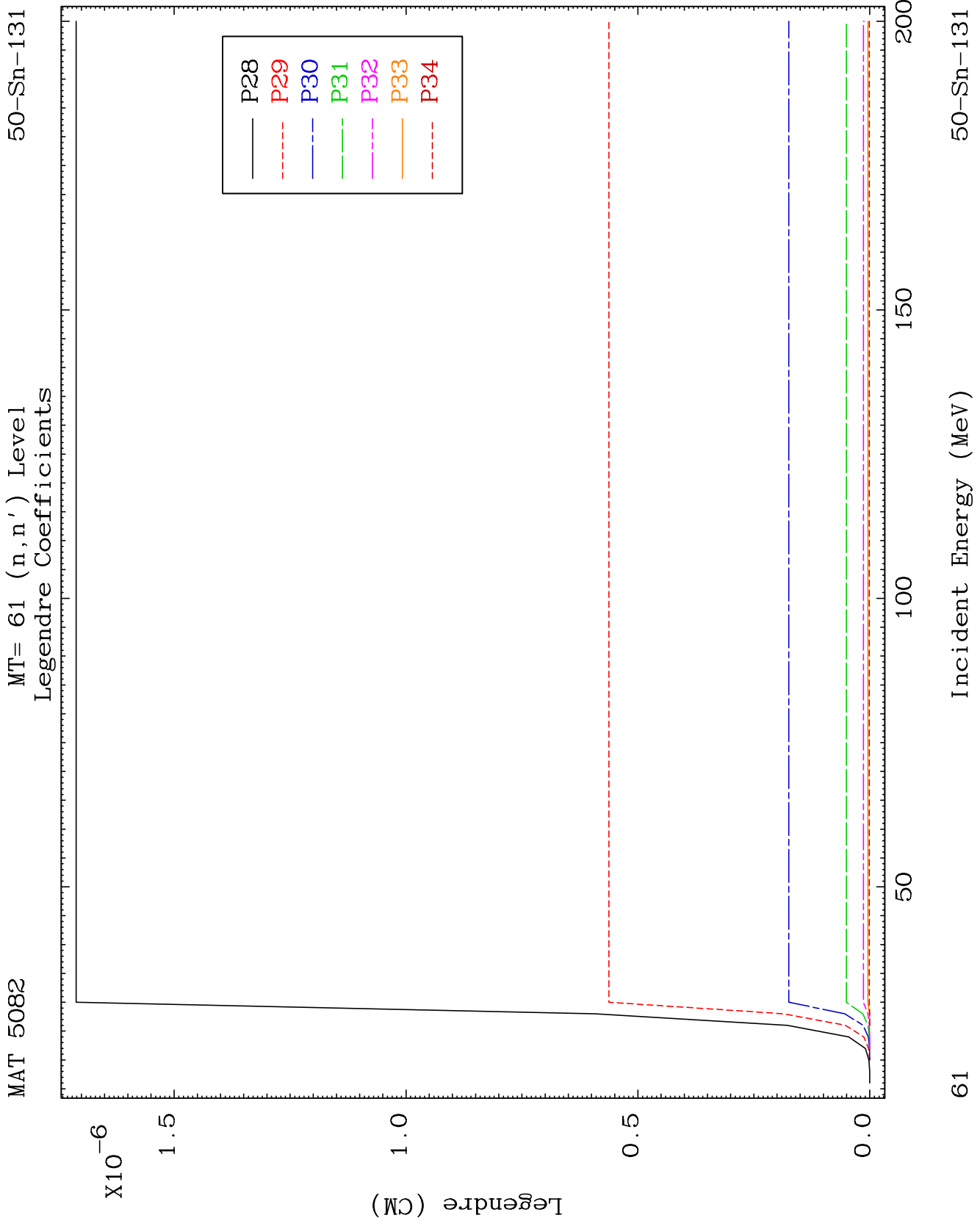


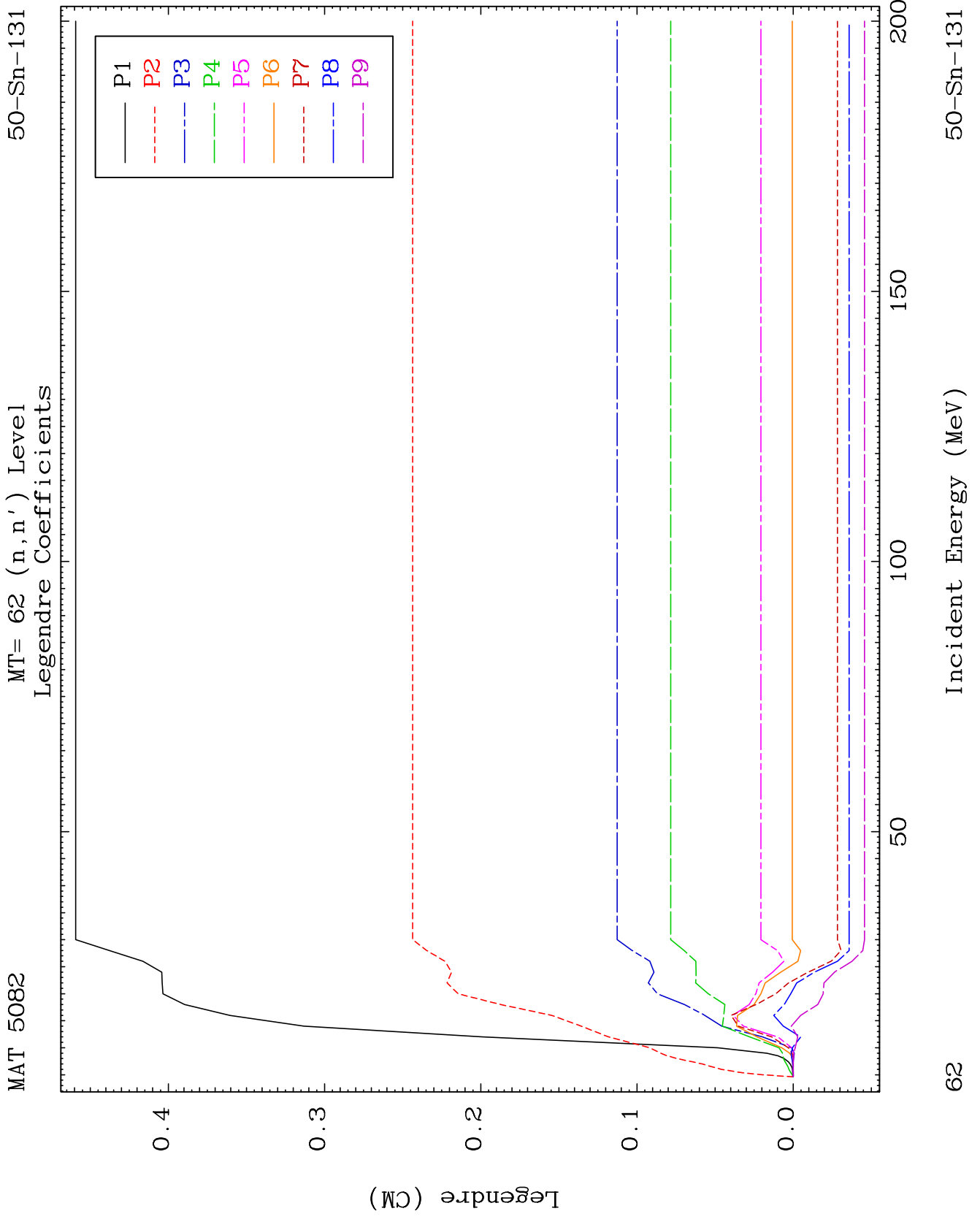
59

Incident Energy (MeV)

50-Sn-131



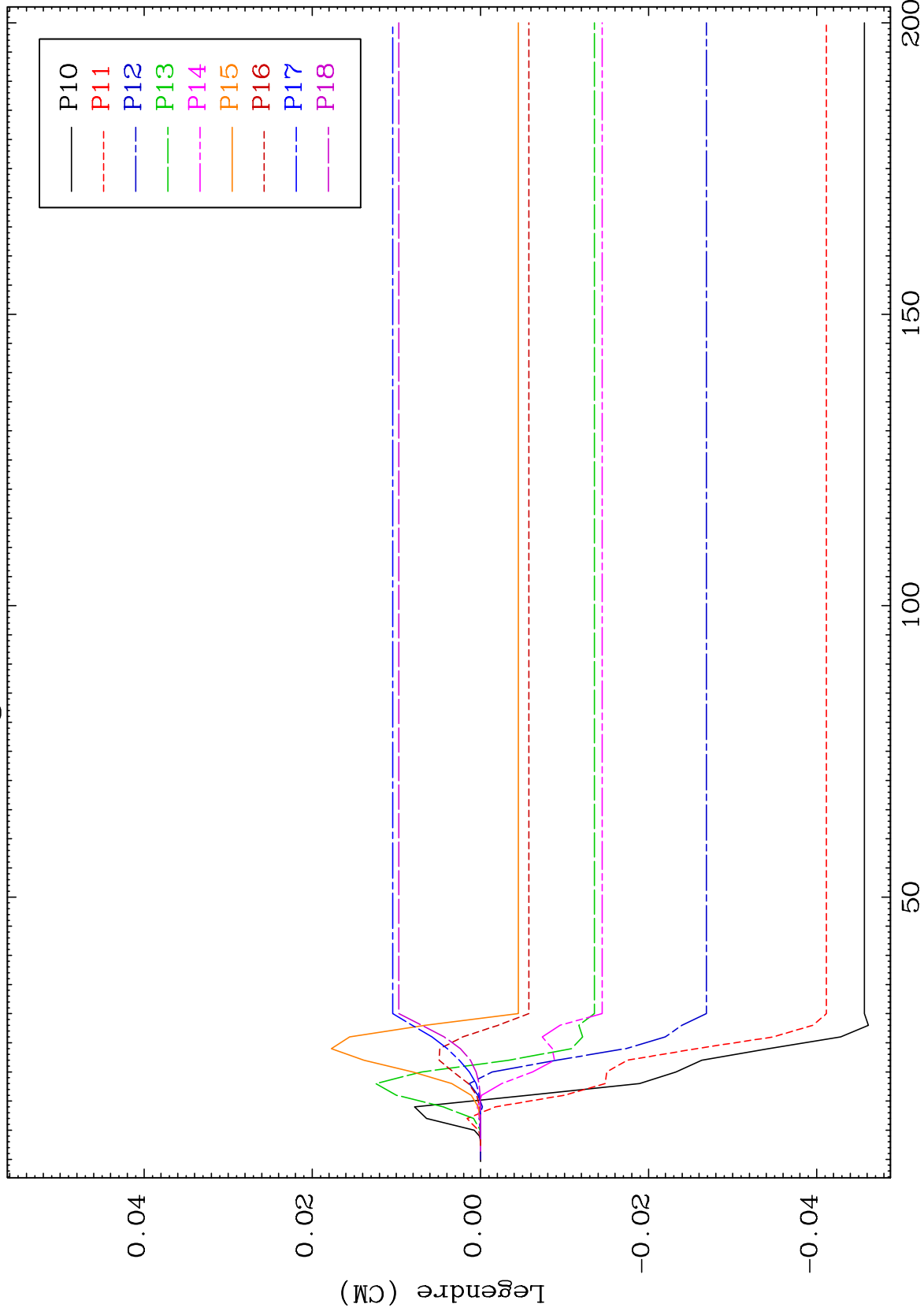




MAT 5082

MT= 62 (n,n') Level  
Legendre Coefficients

50-Sn-131

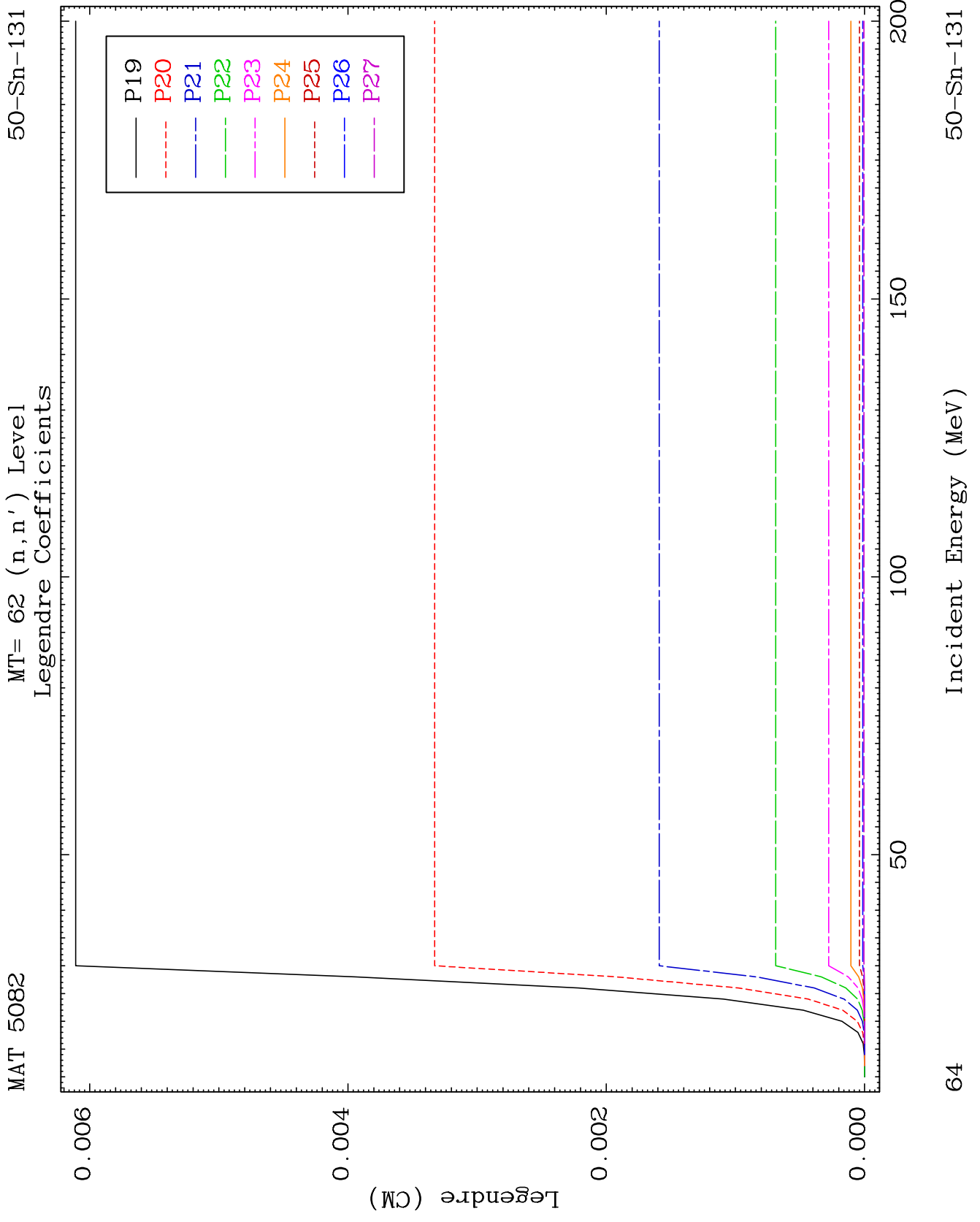


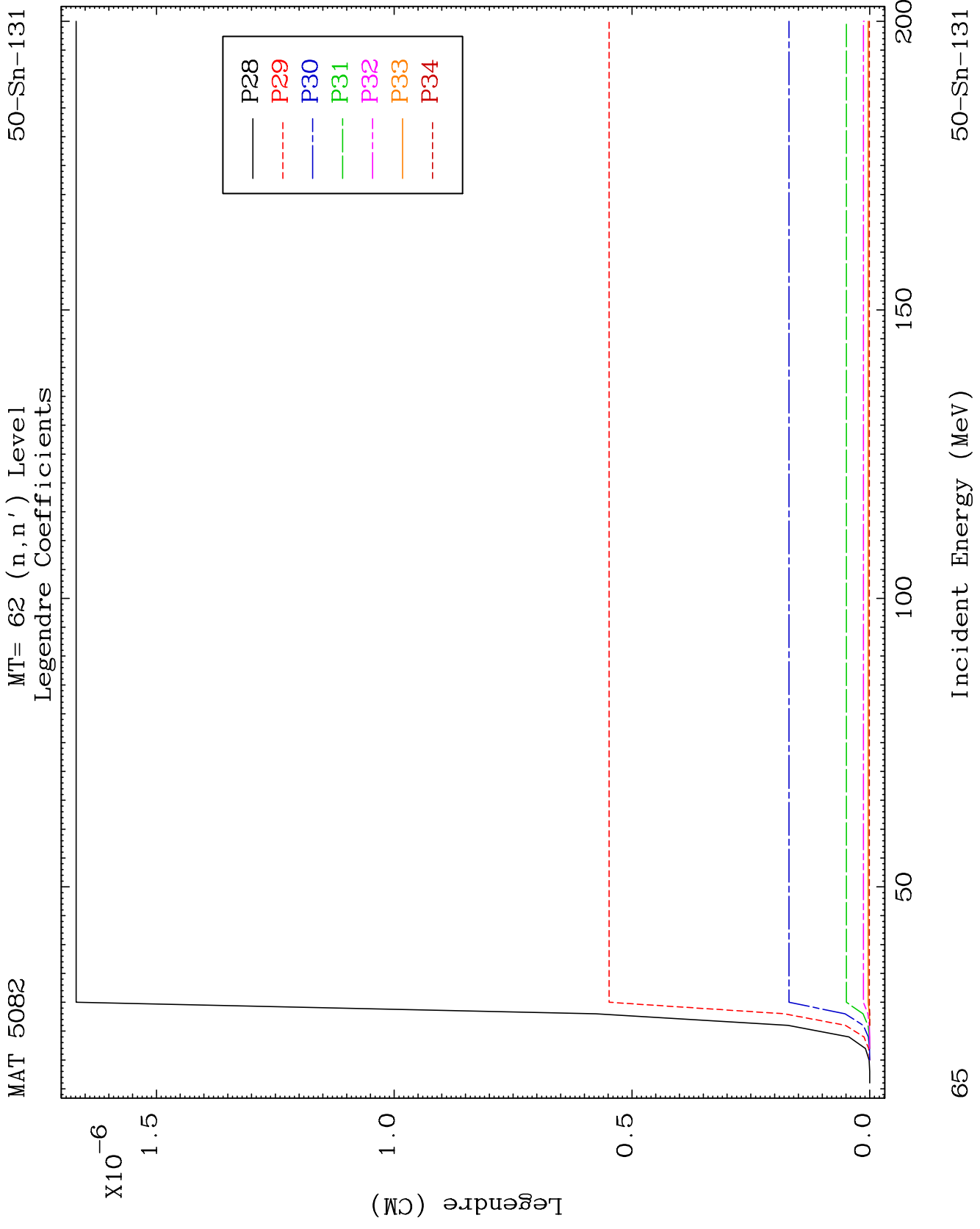
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Incident Energy (MeV)

50-Sn-131



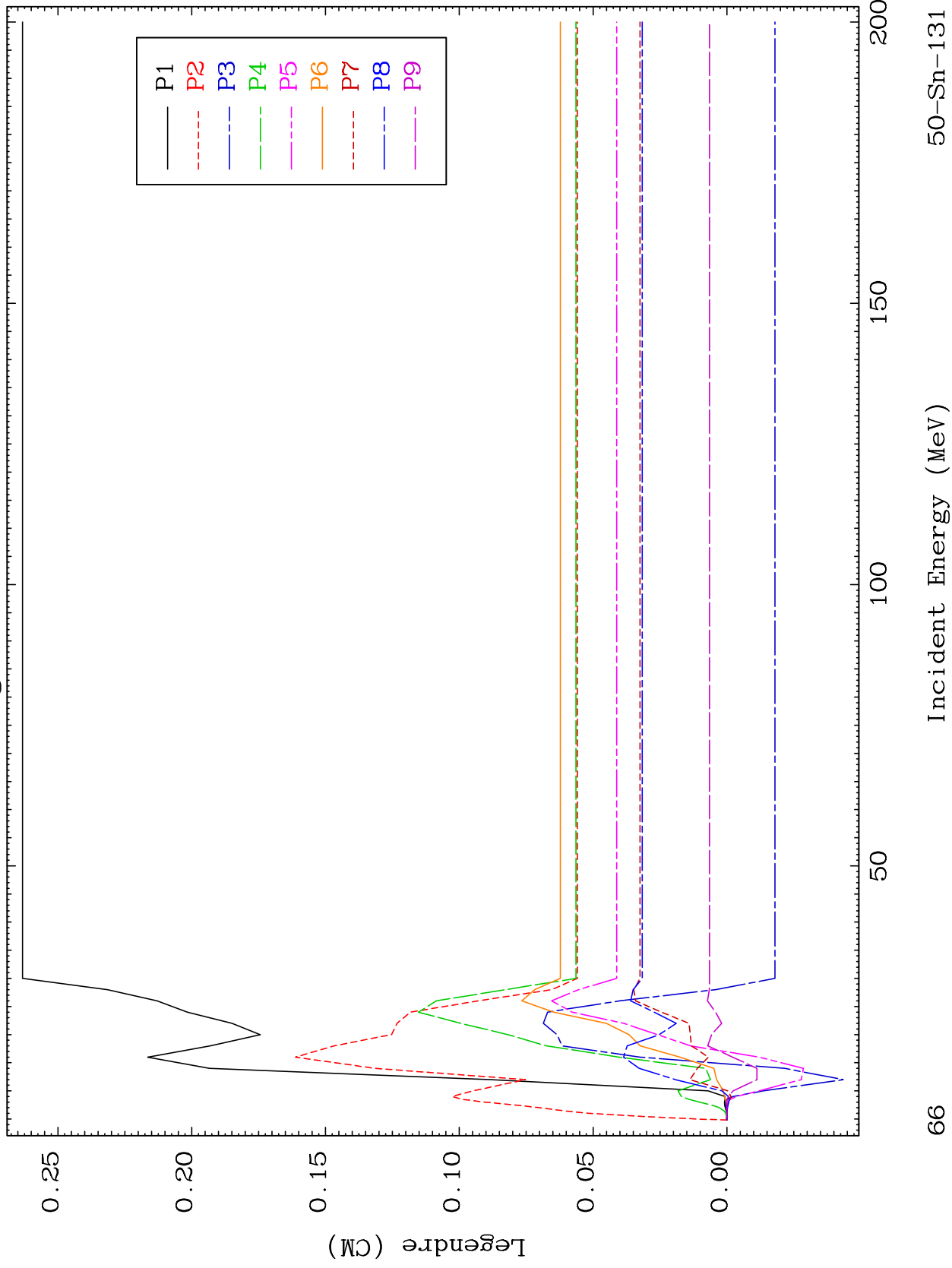




MAT 5082

MT= 63 (n,n') Level  
Legendre Coefficients

50-Sn-131



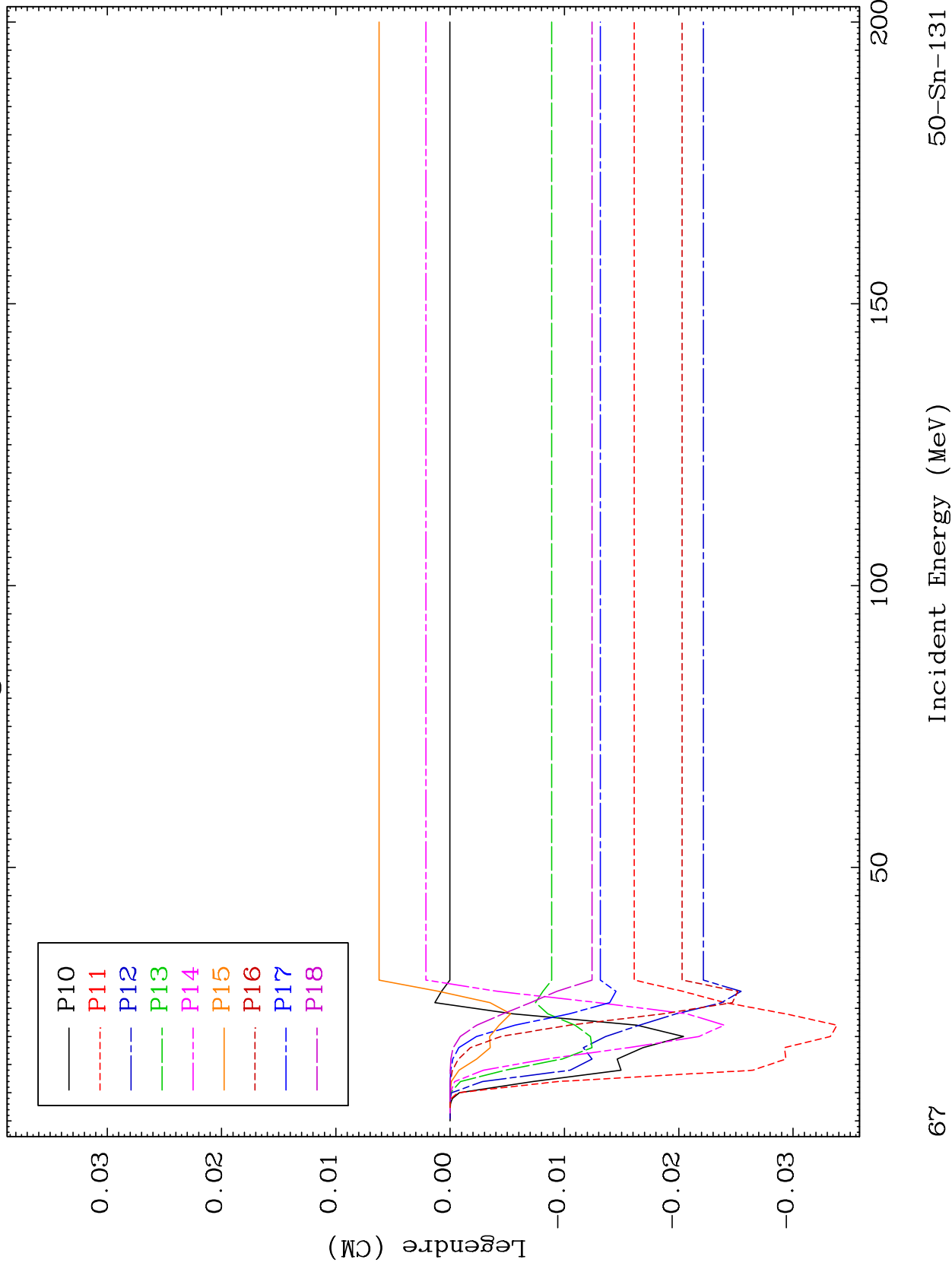
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50-Sn-131

MAT 5082

MT= 63 (n,n') Level  
Legendre Coefficients

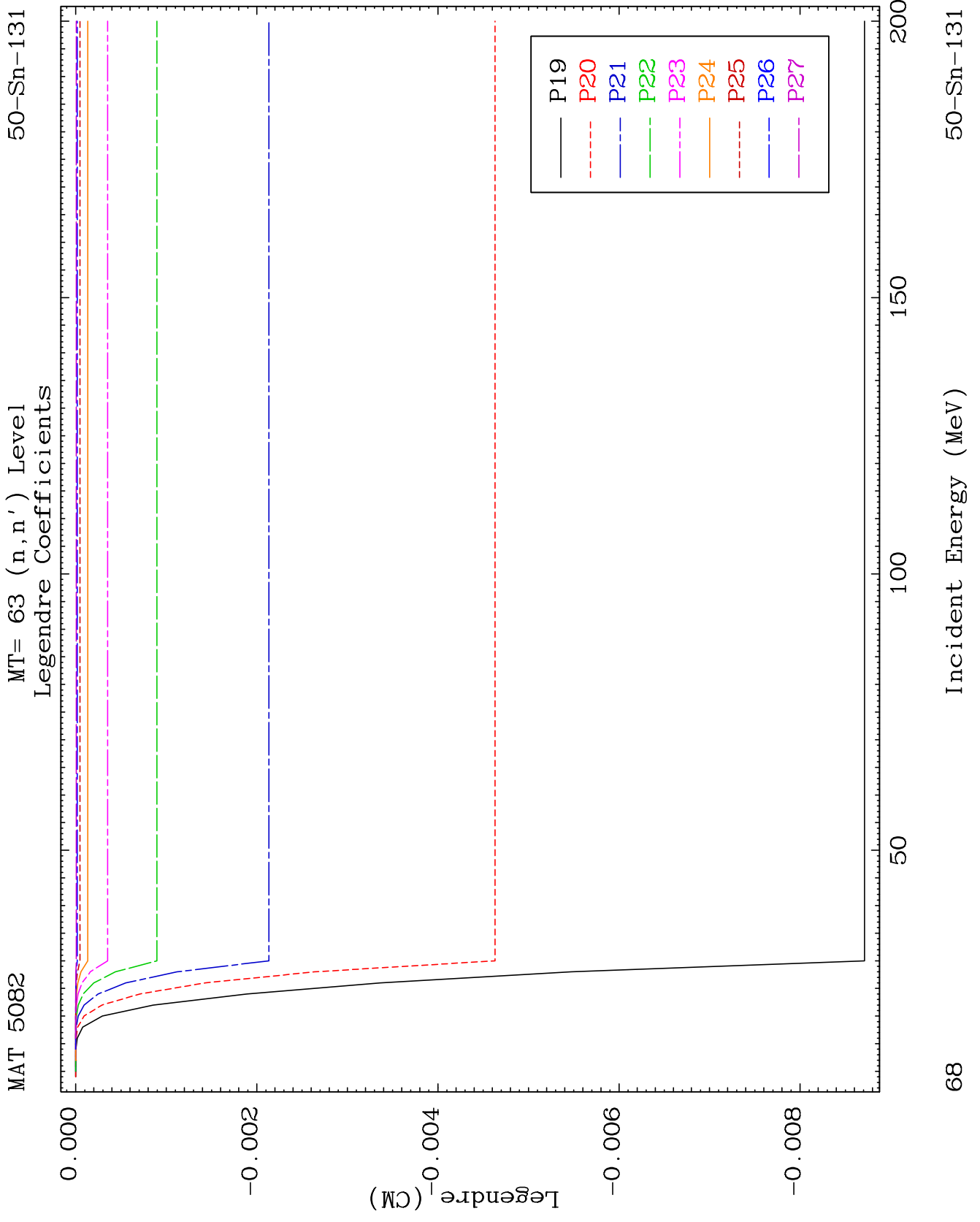
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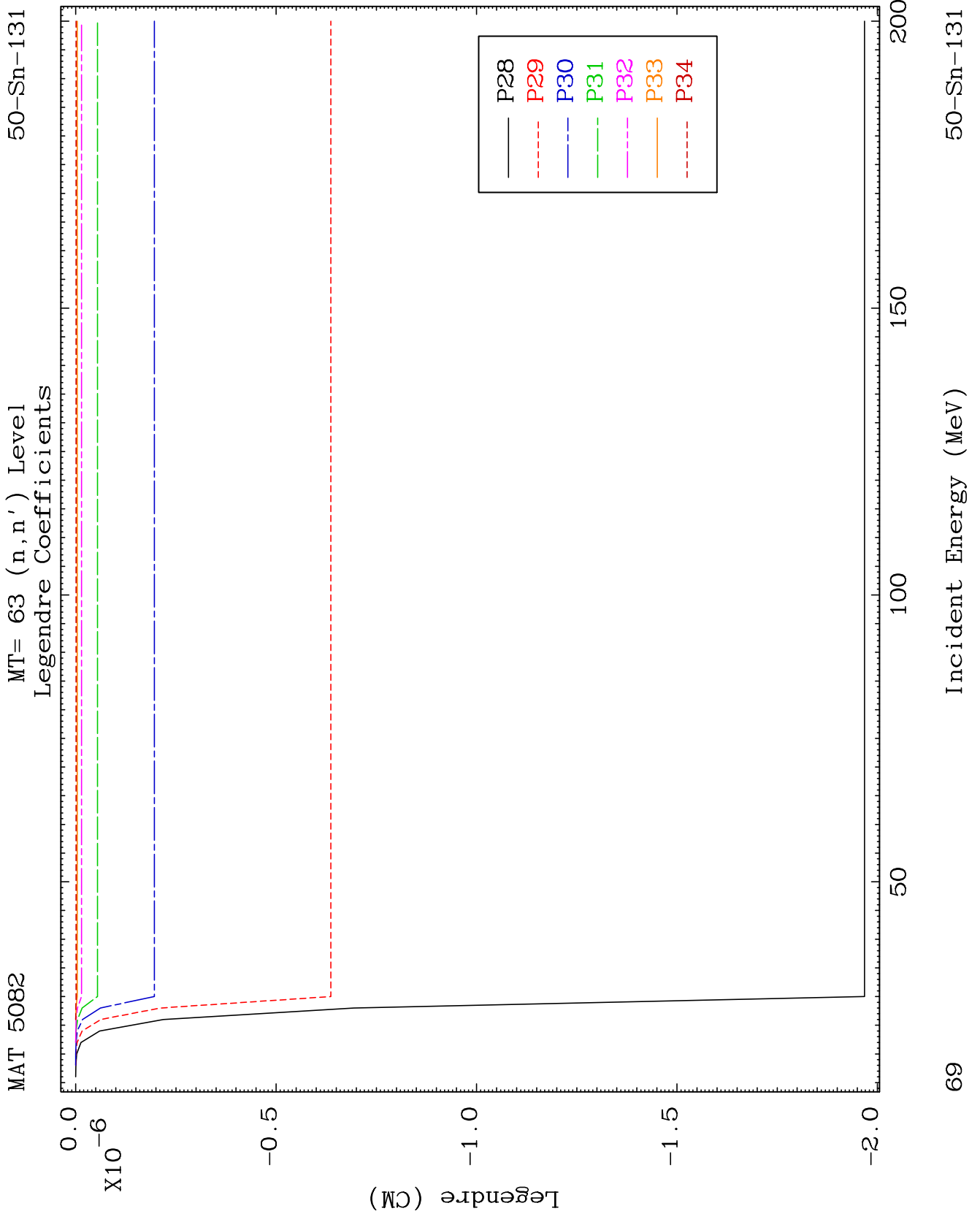


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Incident Energy (MeV)

50-Sn-131



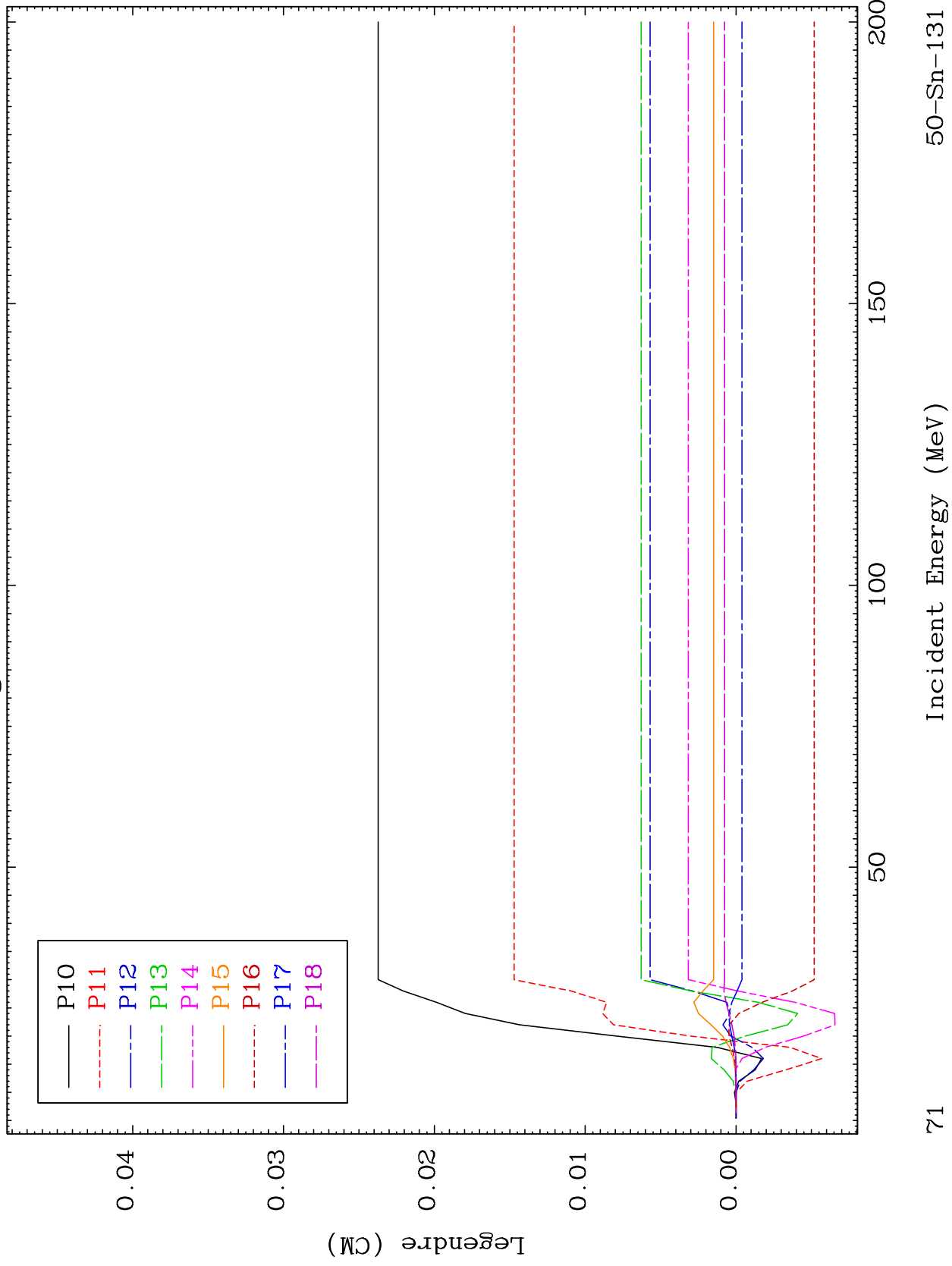




MAT 5082

MT= 64 (n,n') Level  
Legendre Coefficients

50-Sn-131

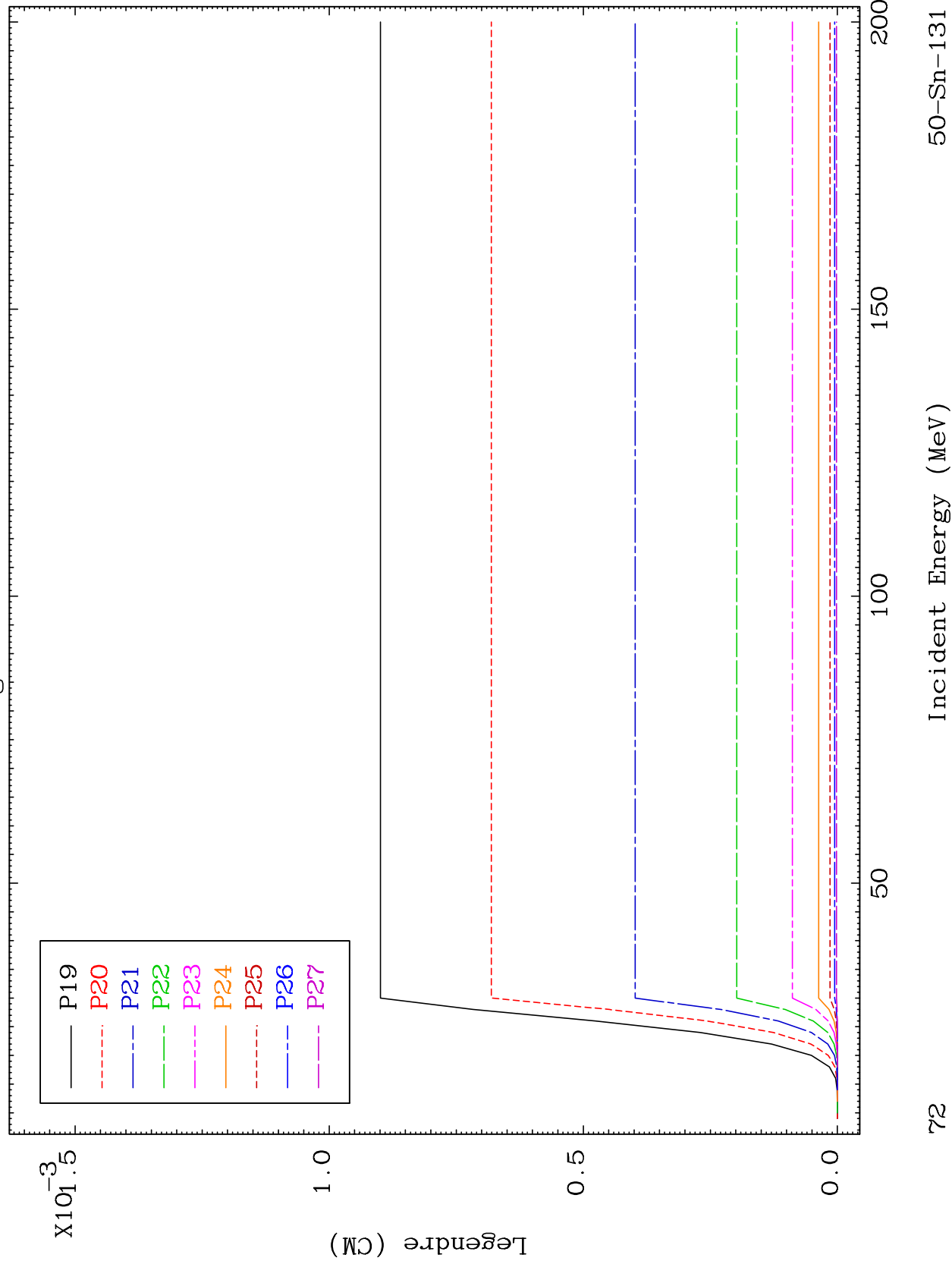




MAT 5082

MT= 64 (n,n') Level  
Legendre Coefficients

50-Sn-131



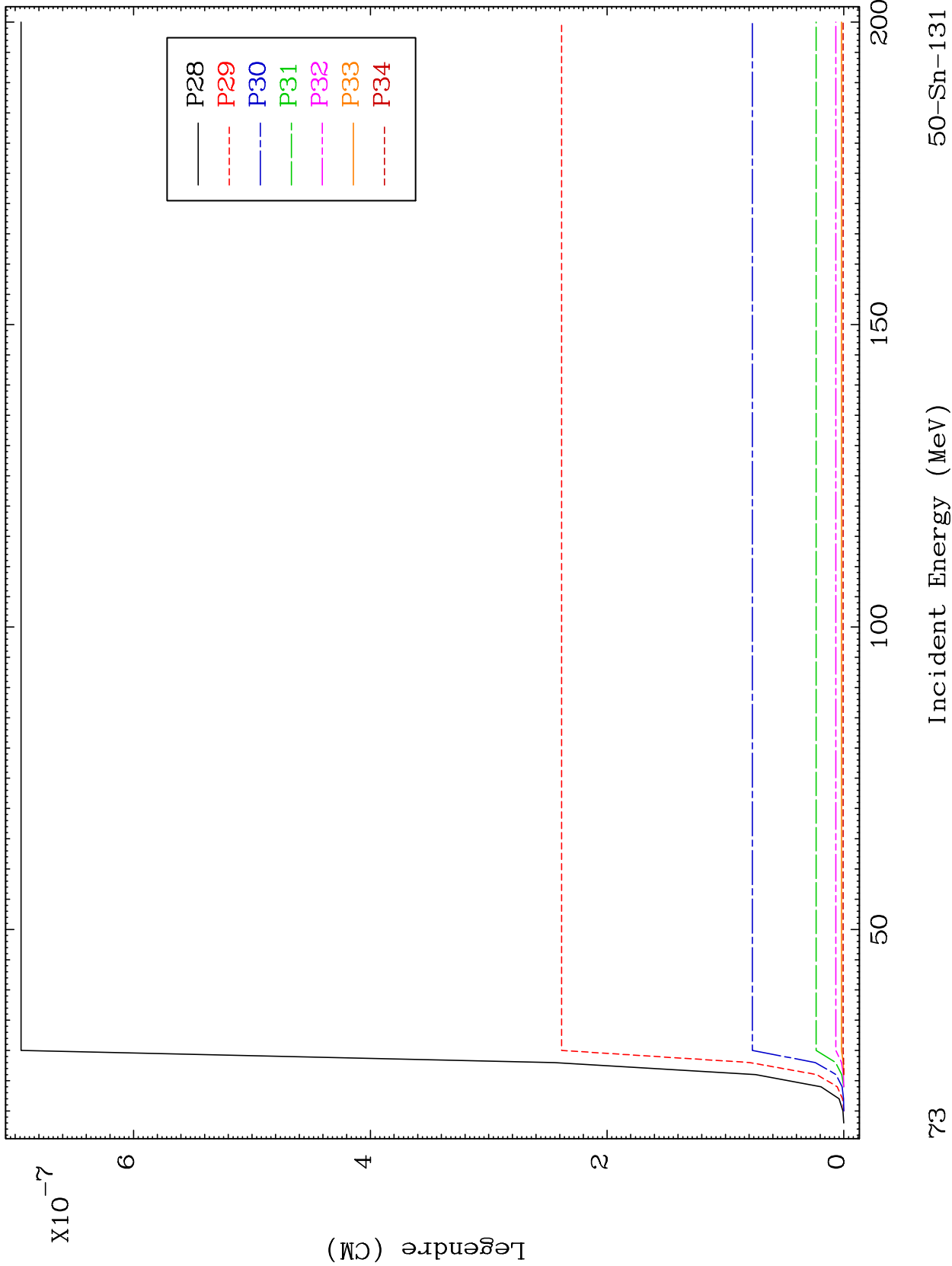
72

50-Sn-131

MAT 5082

MT= 64 (n,n') Level  
Legendre Coefficients

50-Sn-131

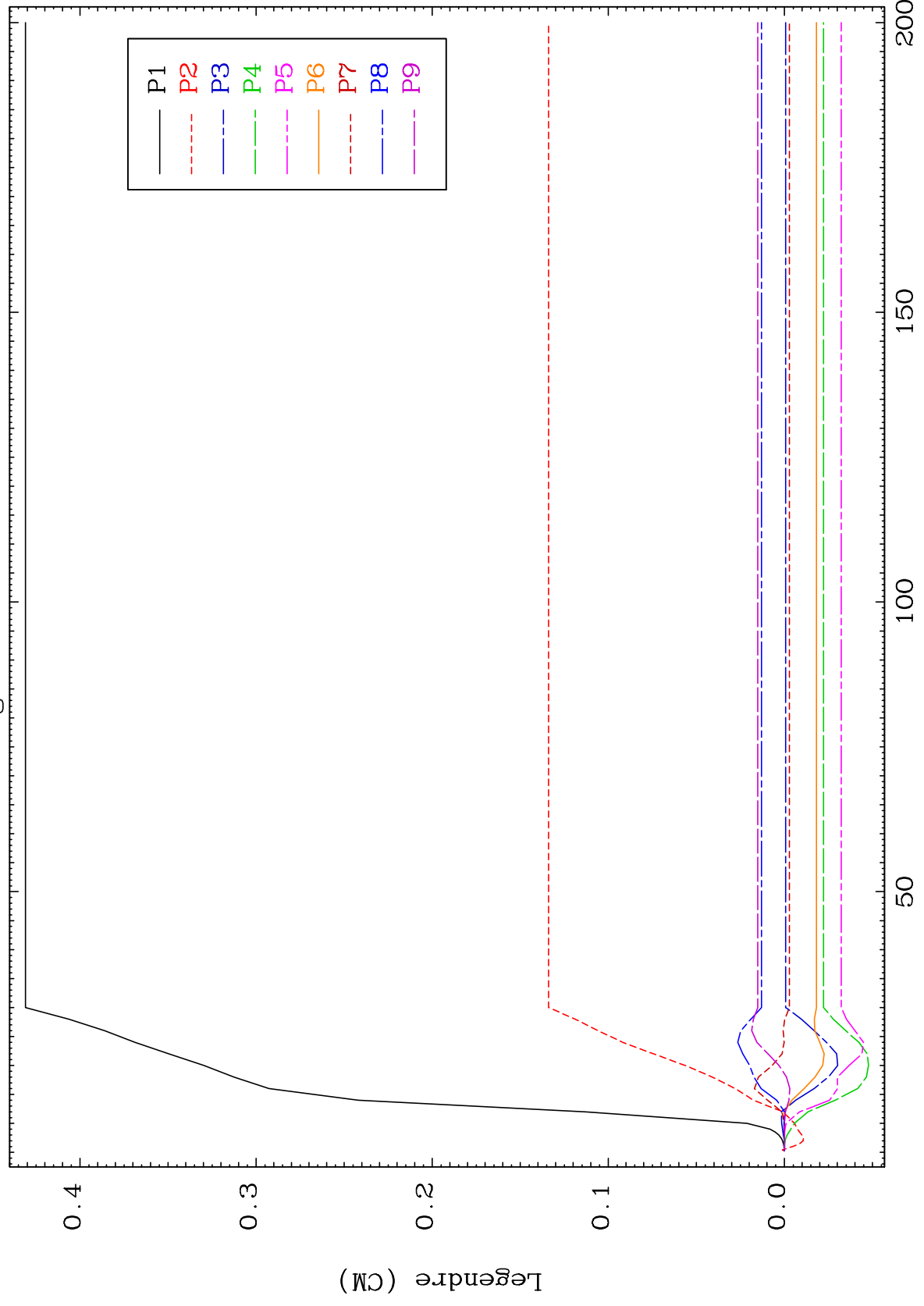


73

MAT 5082

MT= 65 (n,n') Level  
Legendre Coefficients

50-Sn-131



74

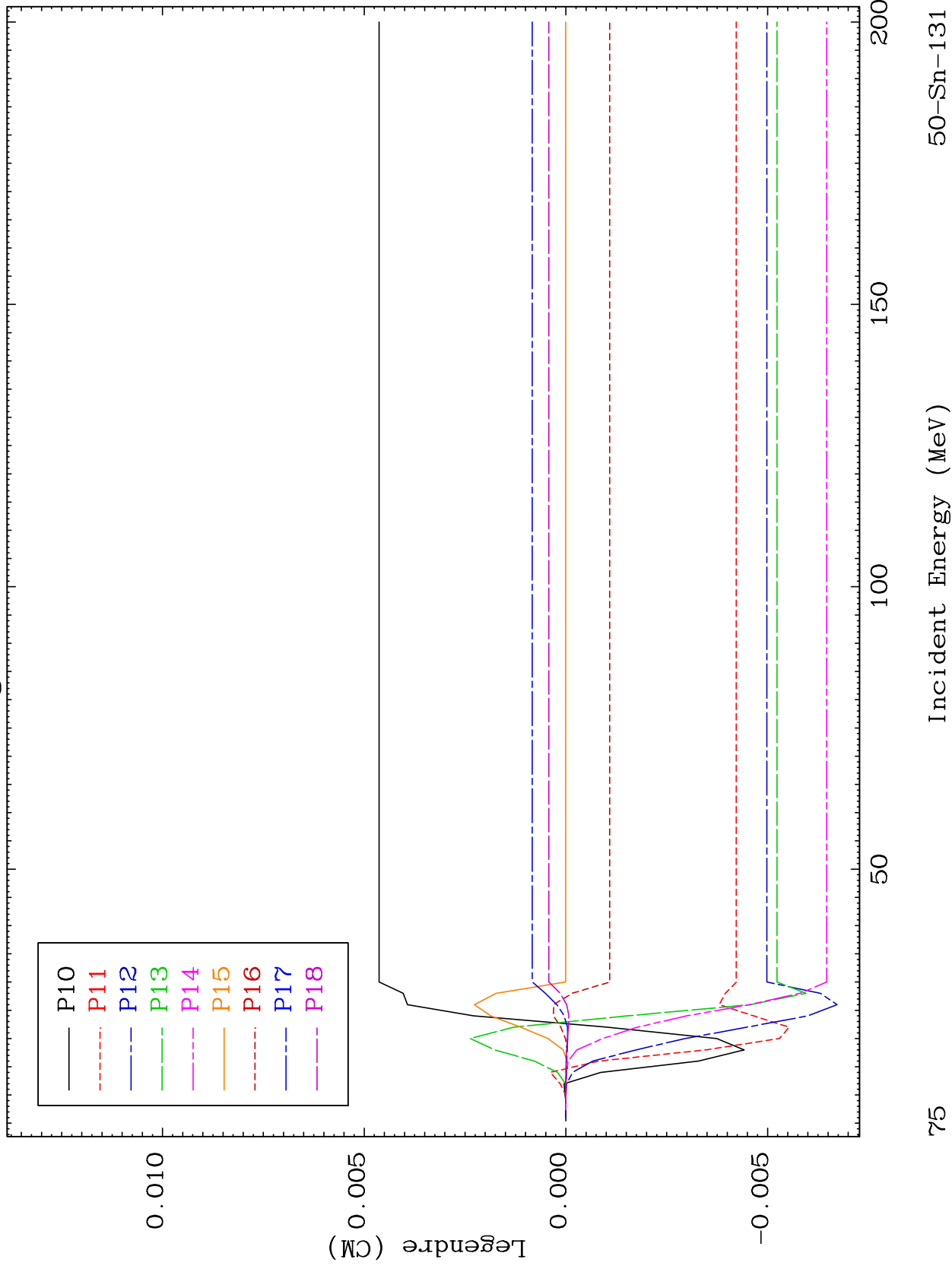
Incident Energy (MeV)

50-Sn-131

MAT 5082

MT= 65 (n,n') Level  
Legendre Coefficients

50-Sn-131



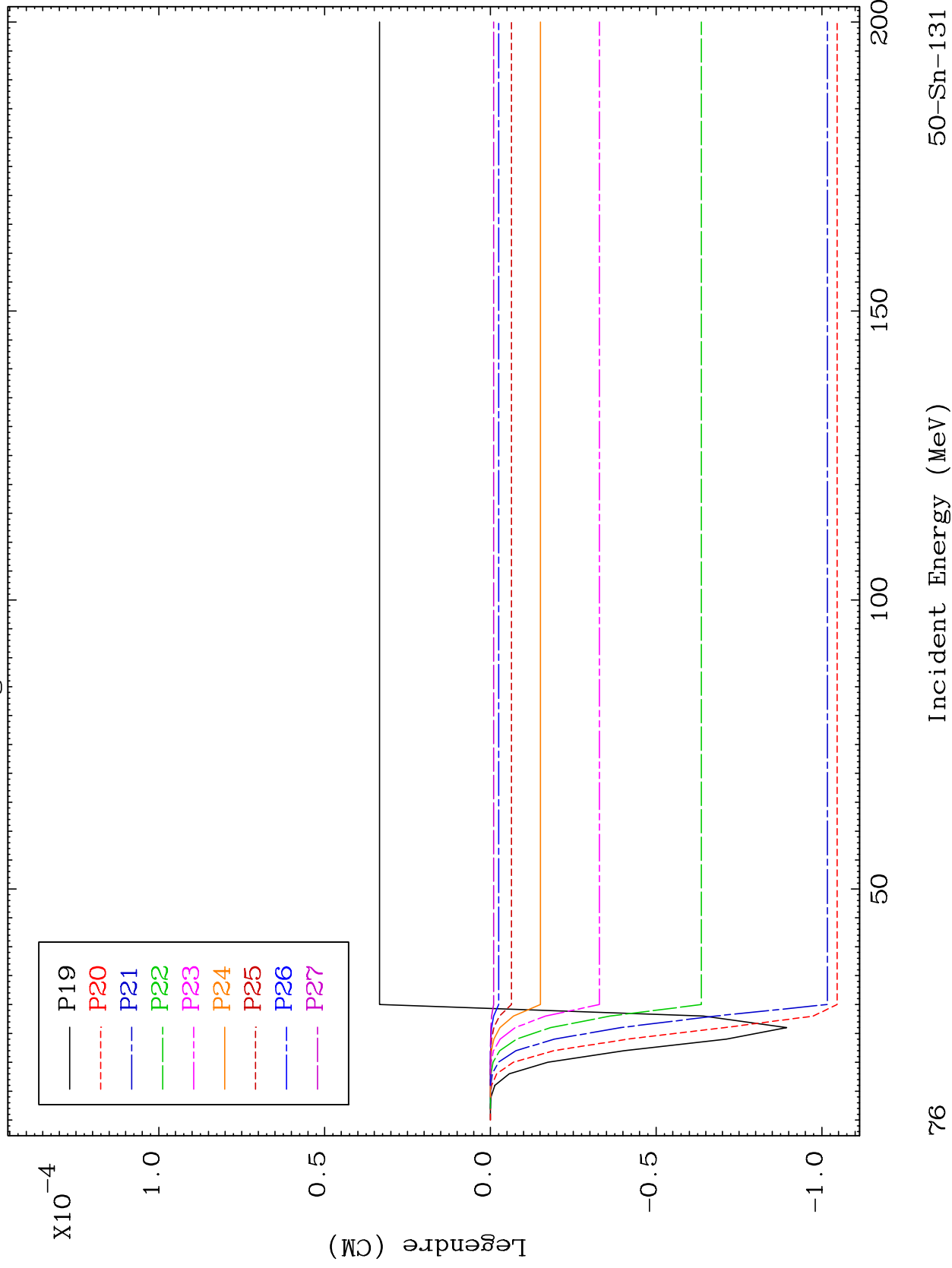
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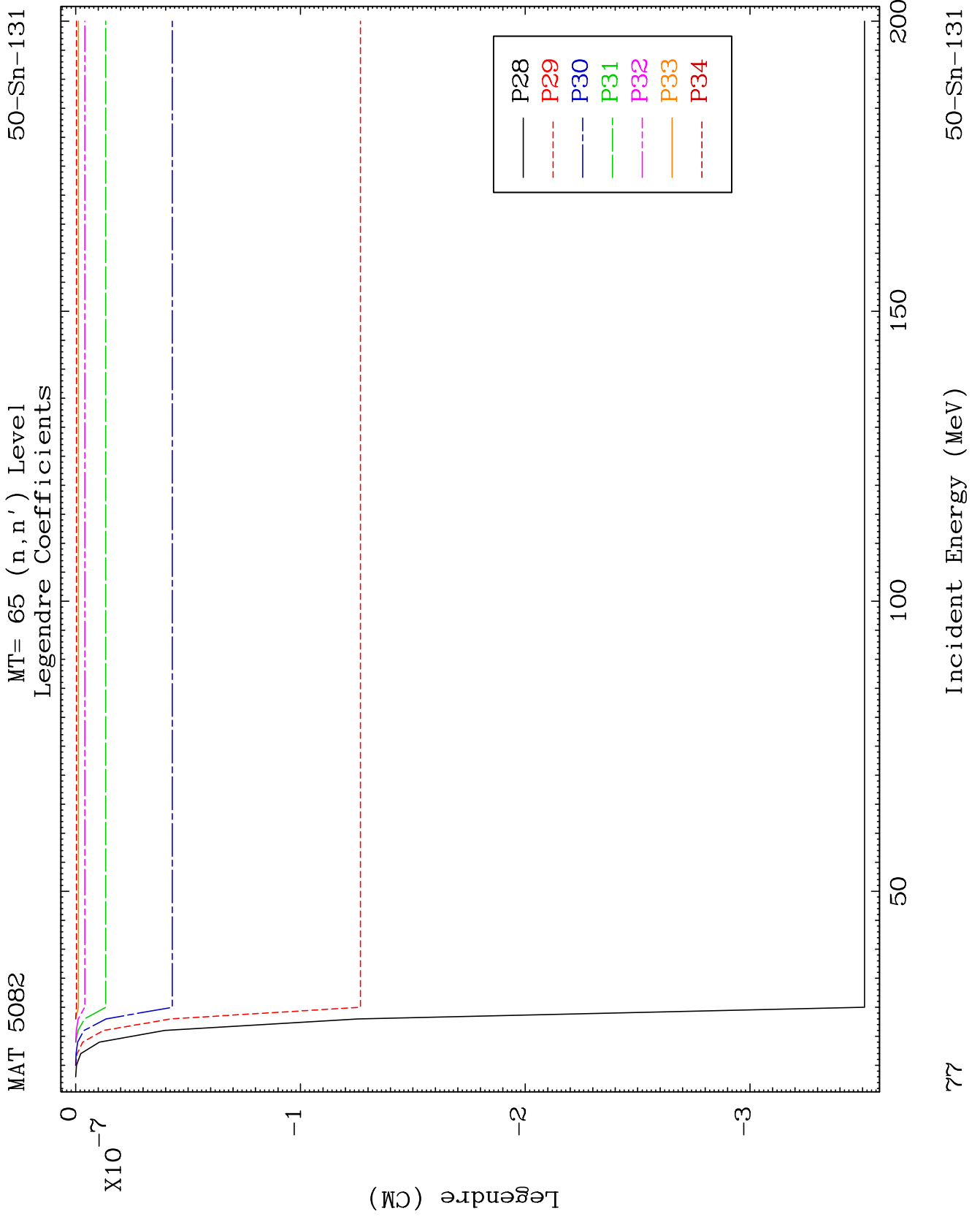
50-Sn-131

MAT 5082

MT= 65 (n,n') Level  
Legendre Coefficients

50-Sn-131



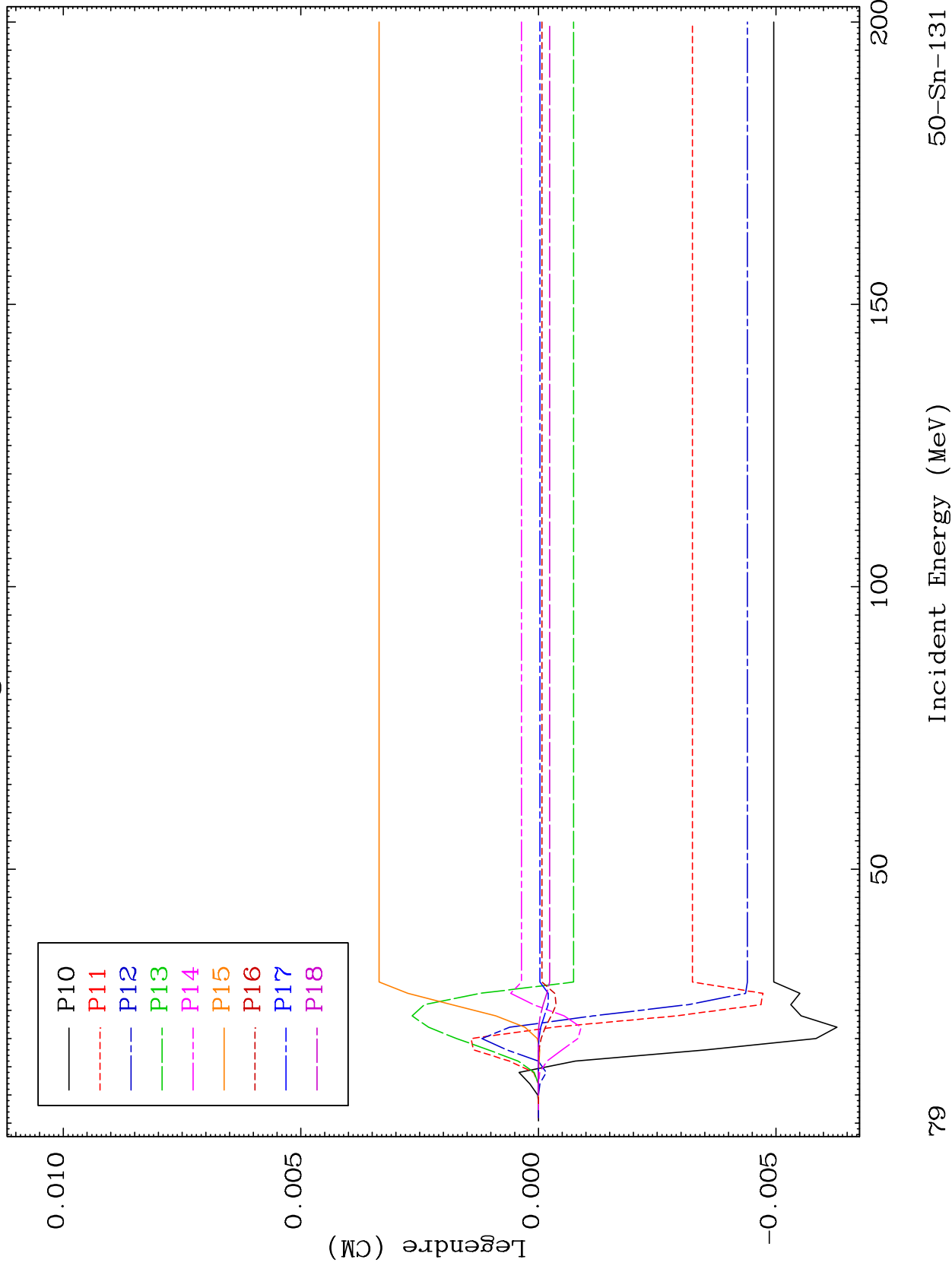




MAT 5082

MT= 66 (n,n') Level  
Legendre Coefficients

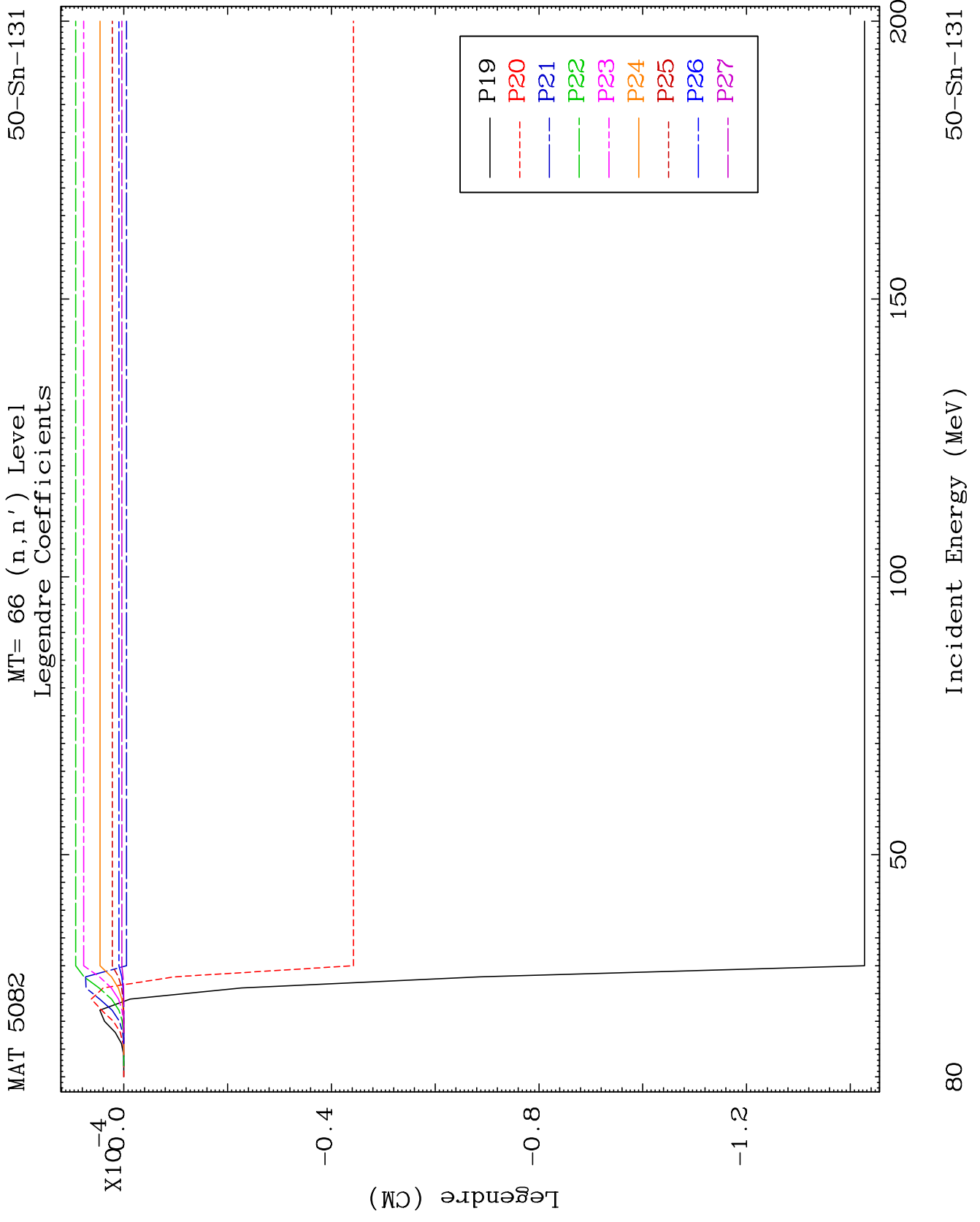
50-Sn-131



79

50-Sn-131

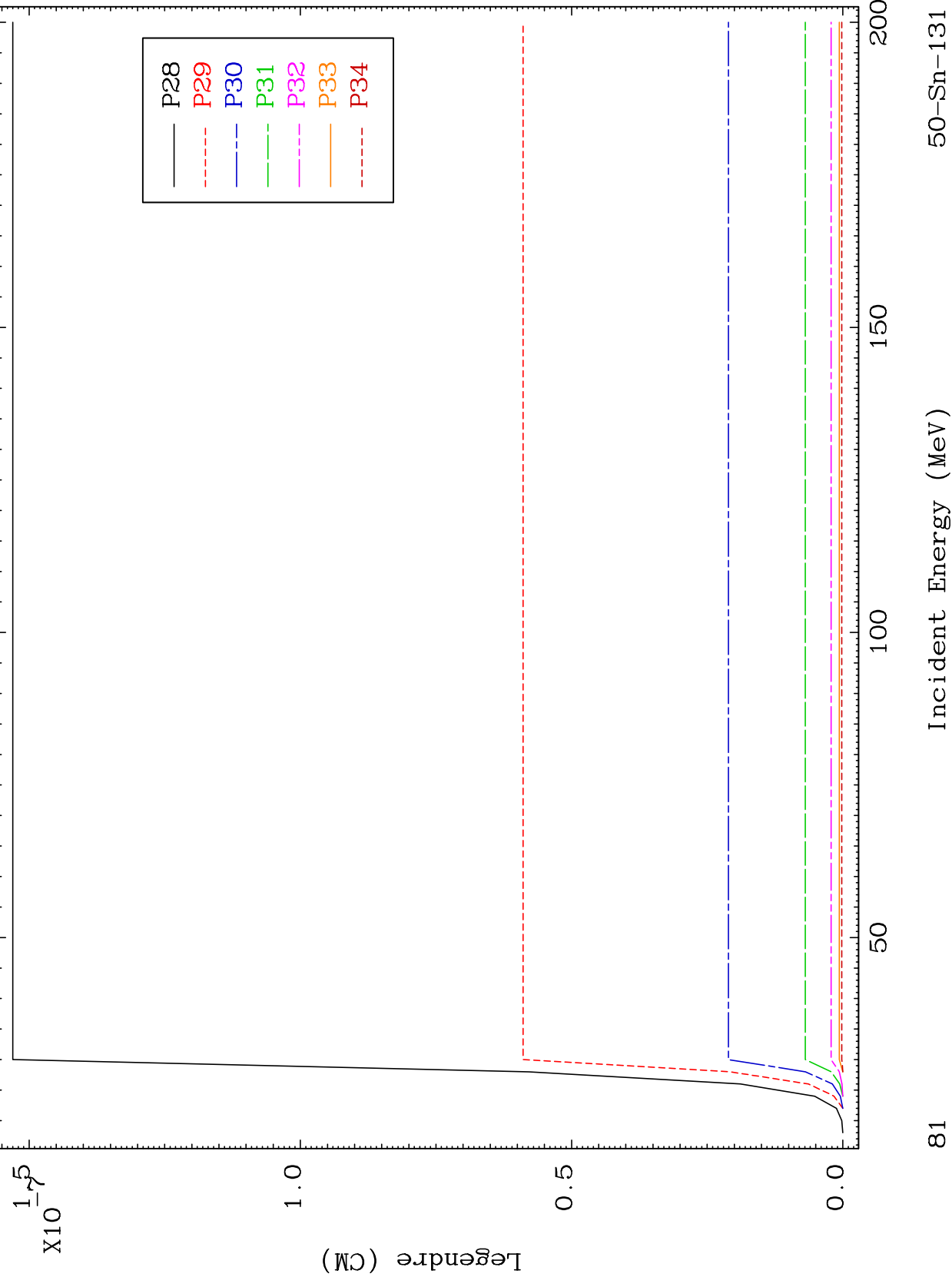




MAT 5082

MT= 66 (n,n') Level  
Legendre Coefficients

50-Sn-131



81

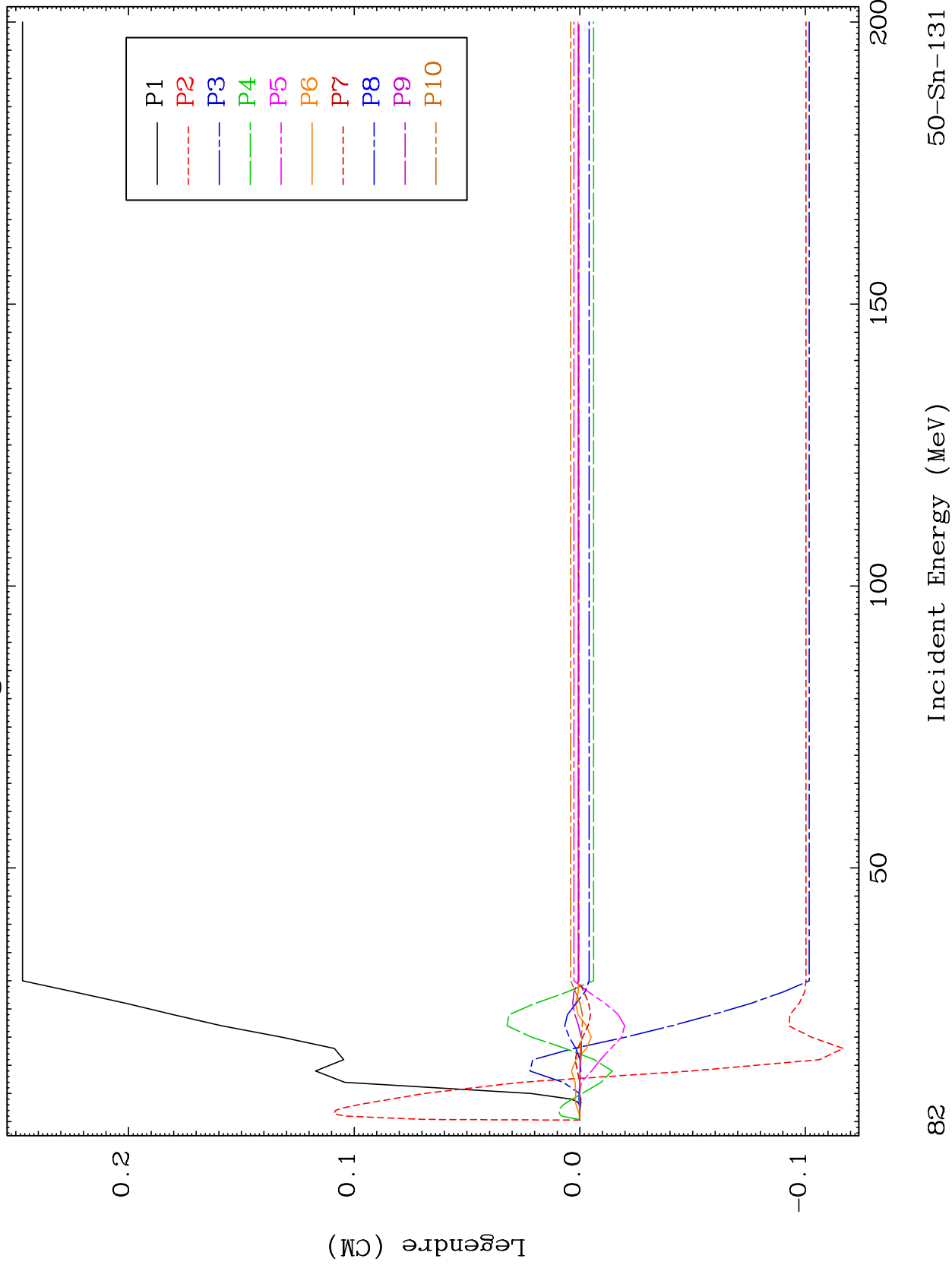
Incident Energy (MeV)

50-Sn-131

MAT 5082

MT= 67 (n,n') Level  
Legendre Coefficients

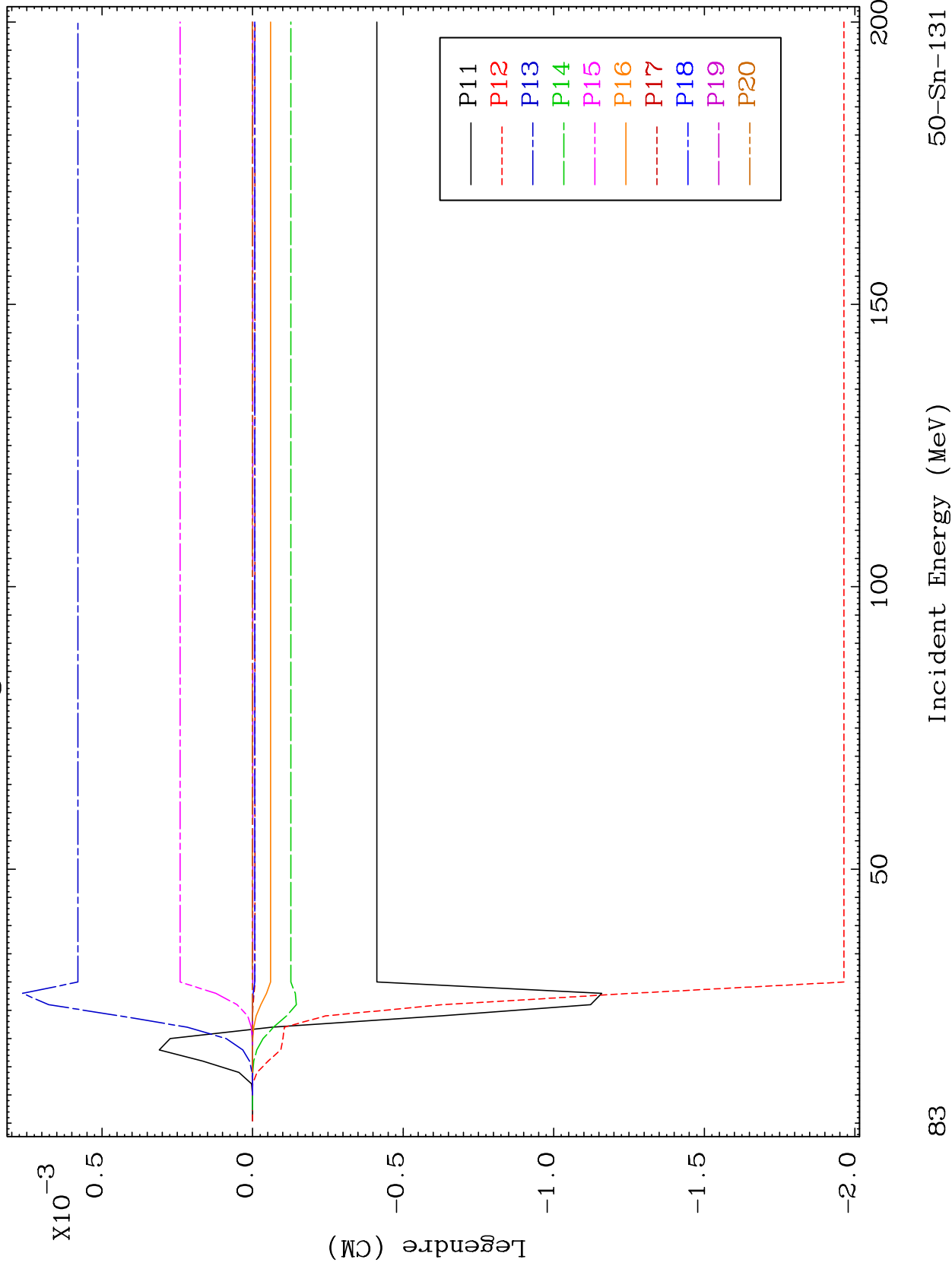
50-Sn-131



MAT 5082

MT= 67 (n,n') Level  
Legendre Coefficients

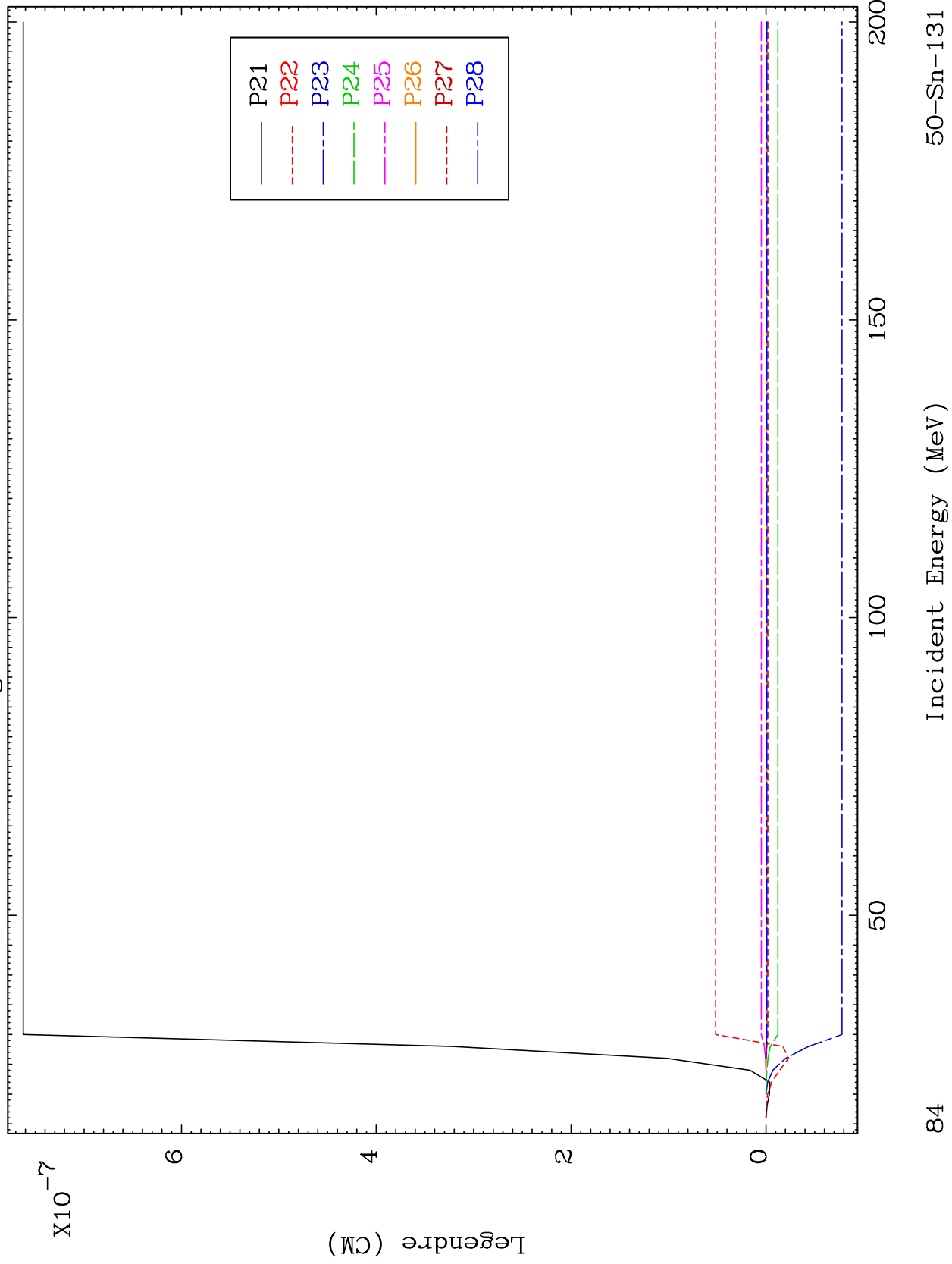
50-Sn-131



MAT 5082

MT= 67 (n,n') Level  
Legendre Coefficients

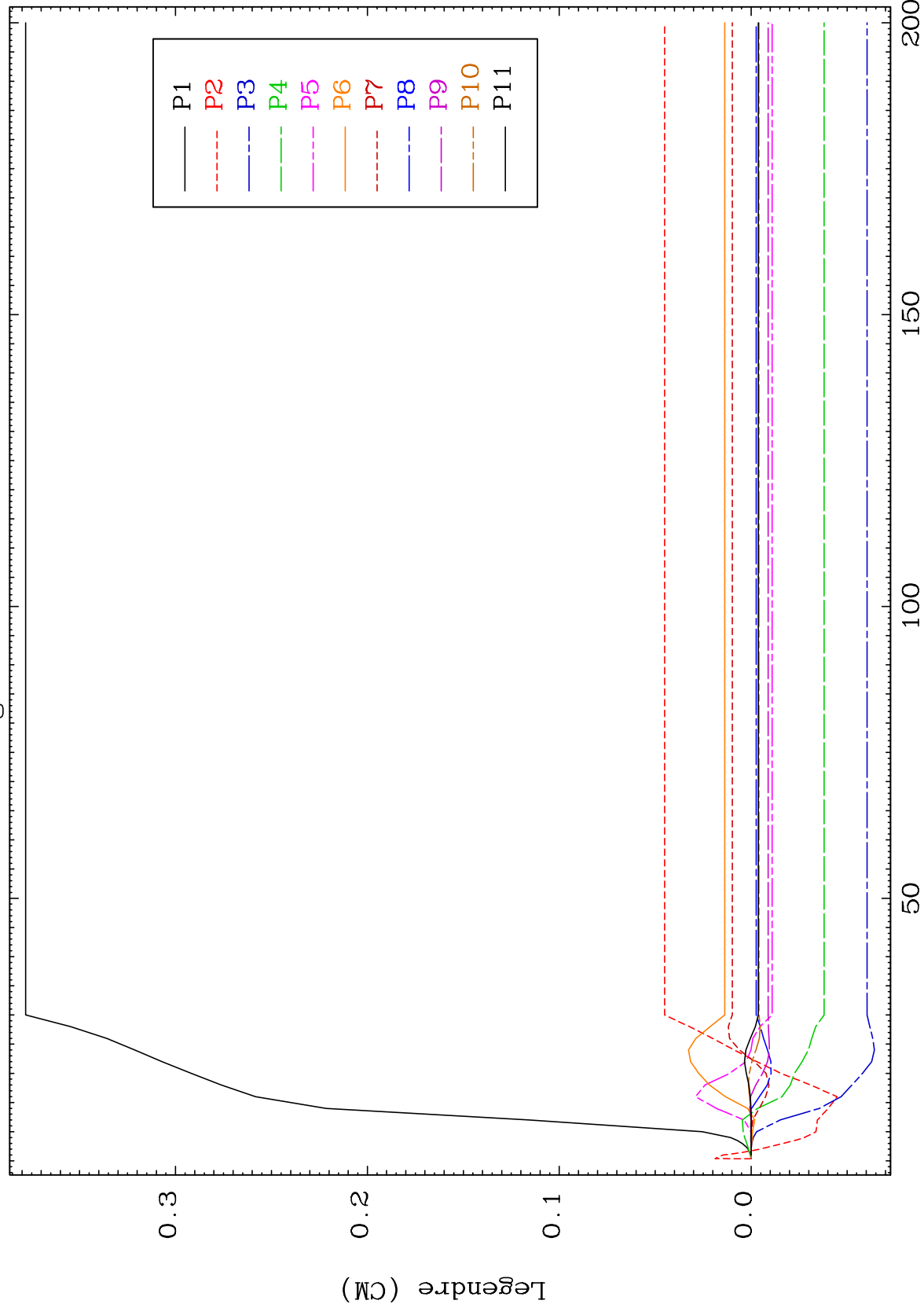
50-Sn-131



MAT 5082

MT= 68 (n,n') Level  
Legendre Coefficients

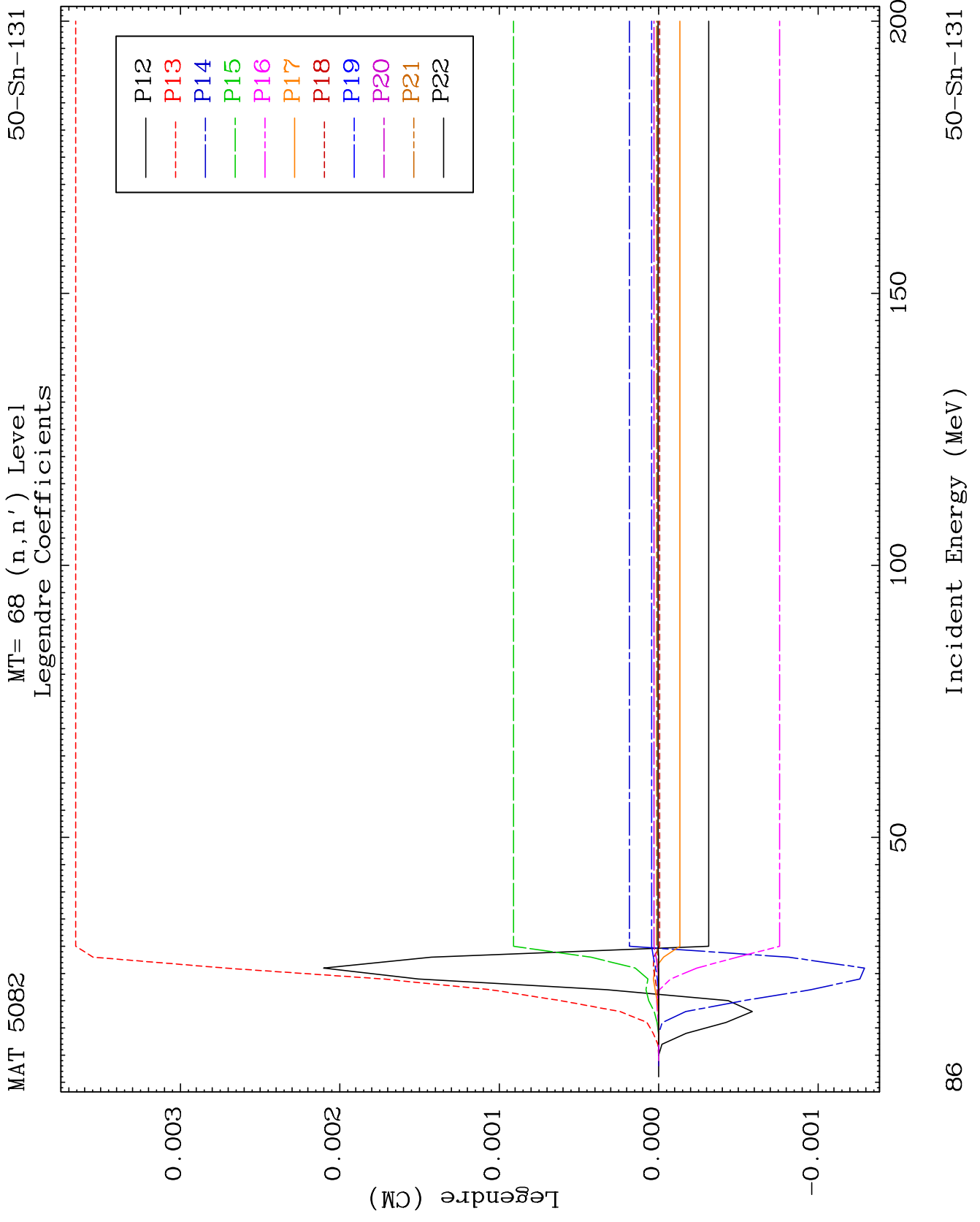
50-Sn-131



85

Incident Energy (MeV)

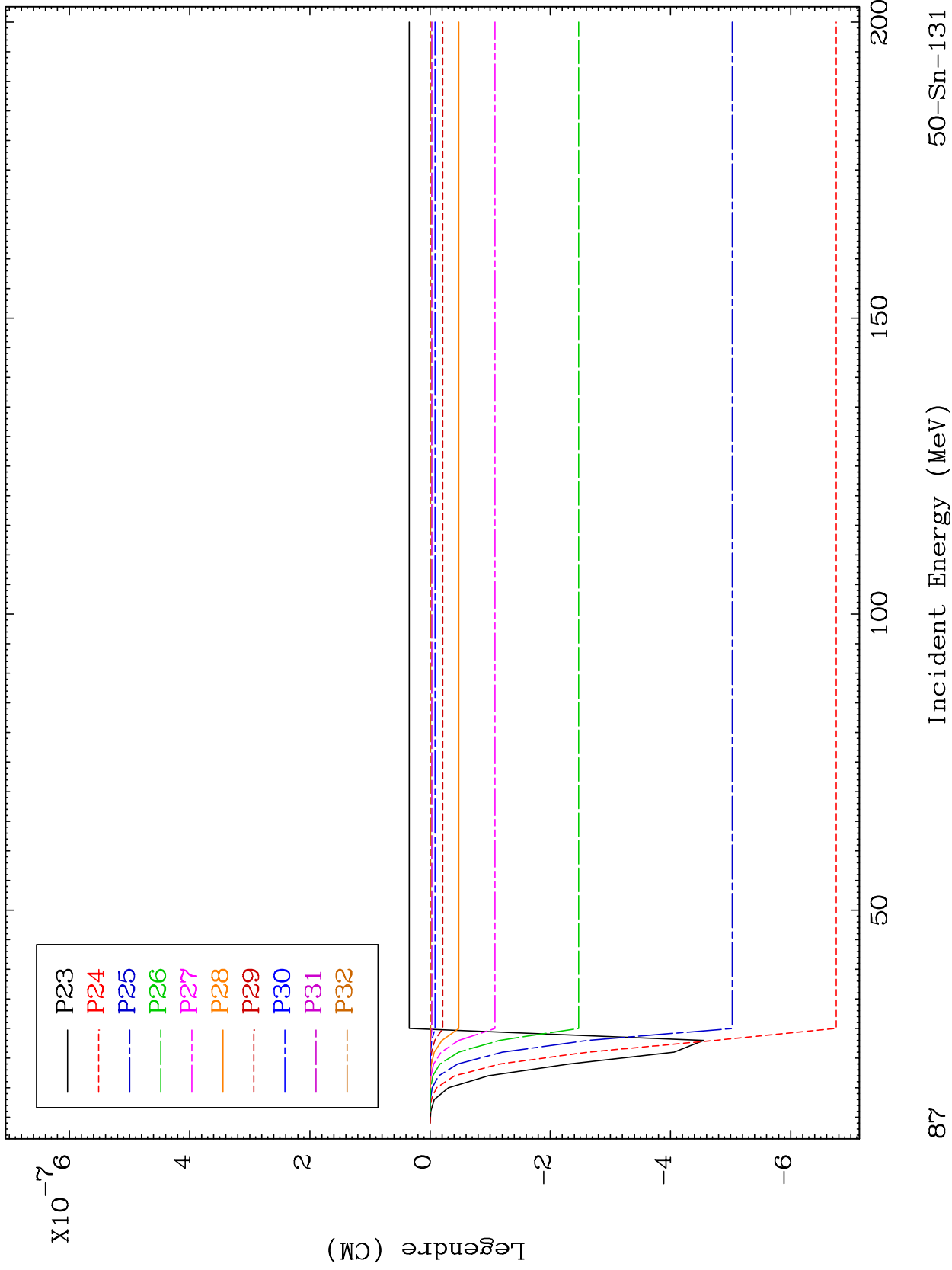
50-Sn-131



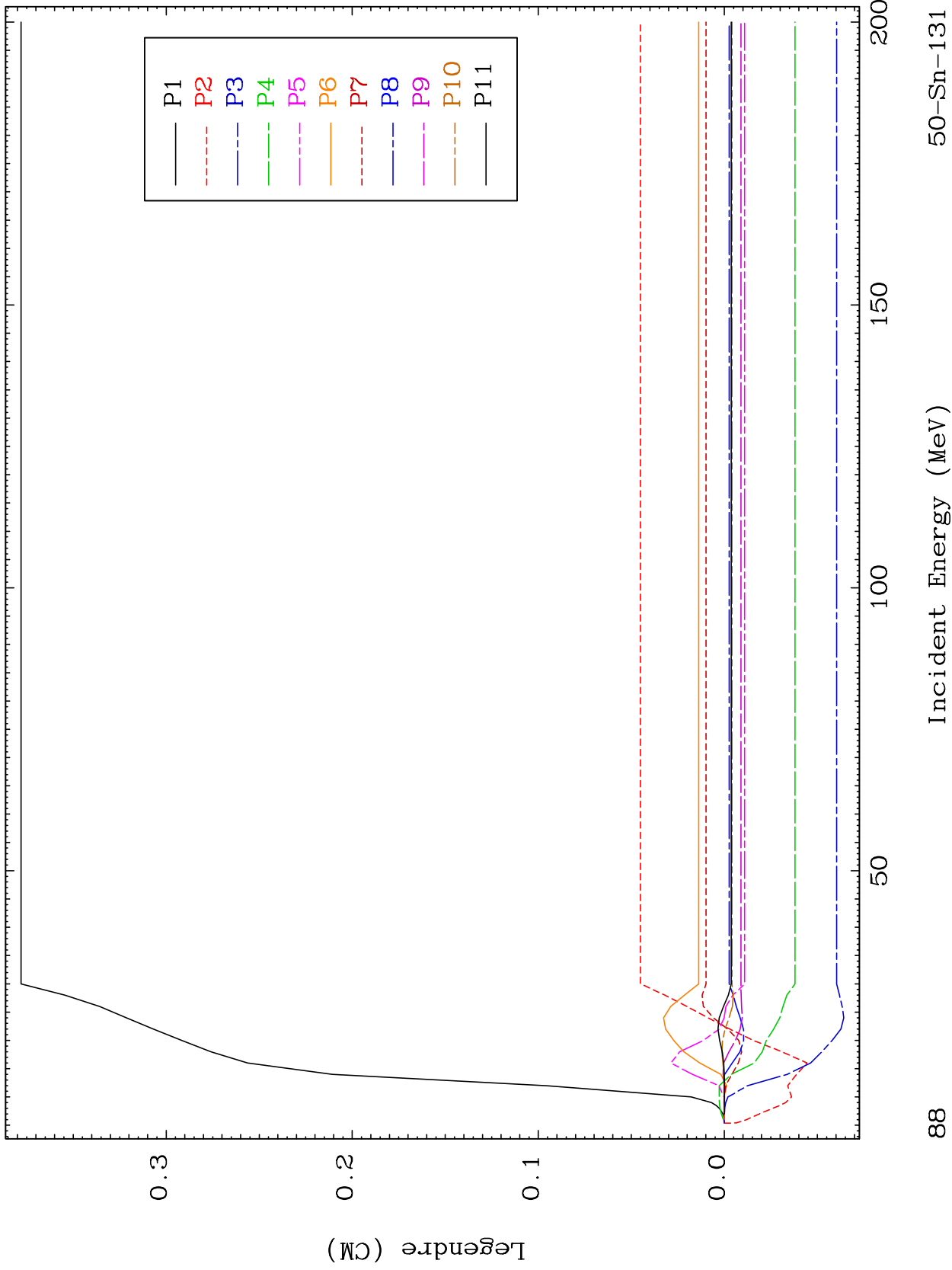
MAT 5082

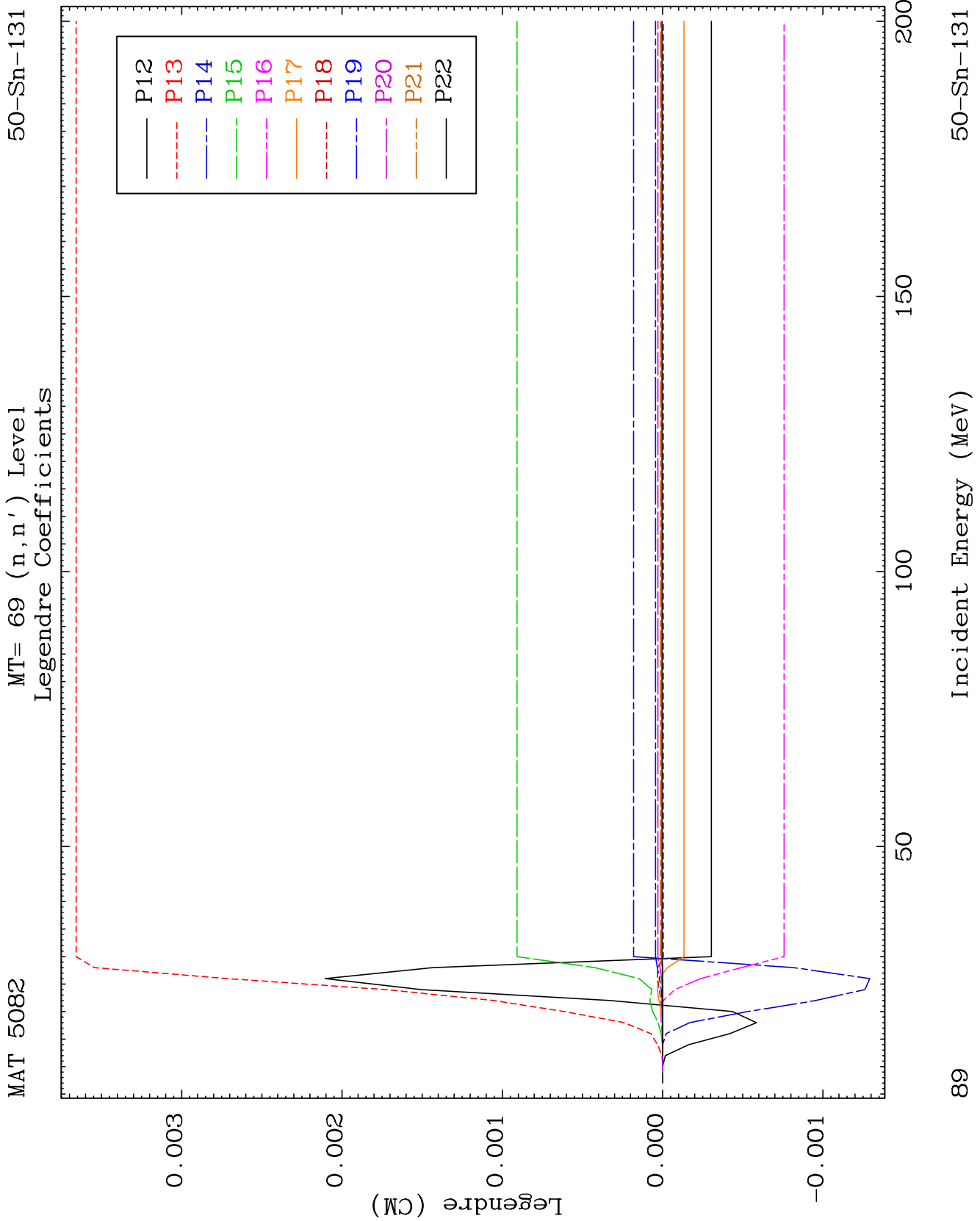
MT= 68 (n,n') Level  
Legendre Coefficients

50-Sn-131





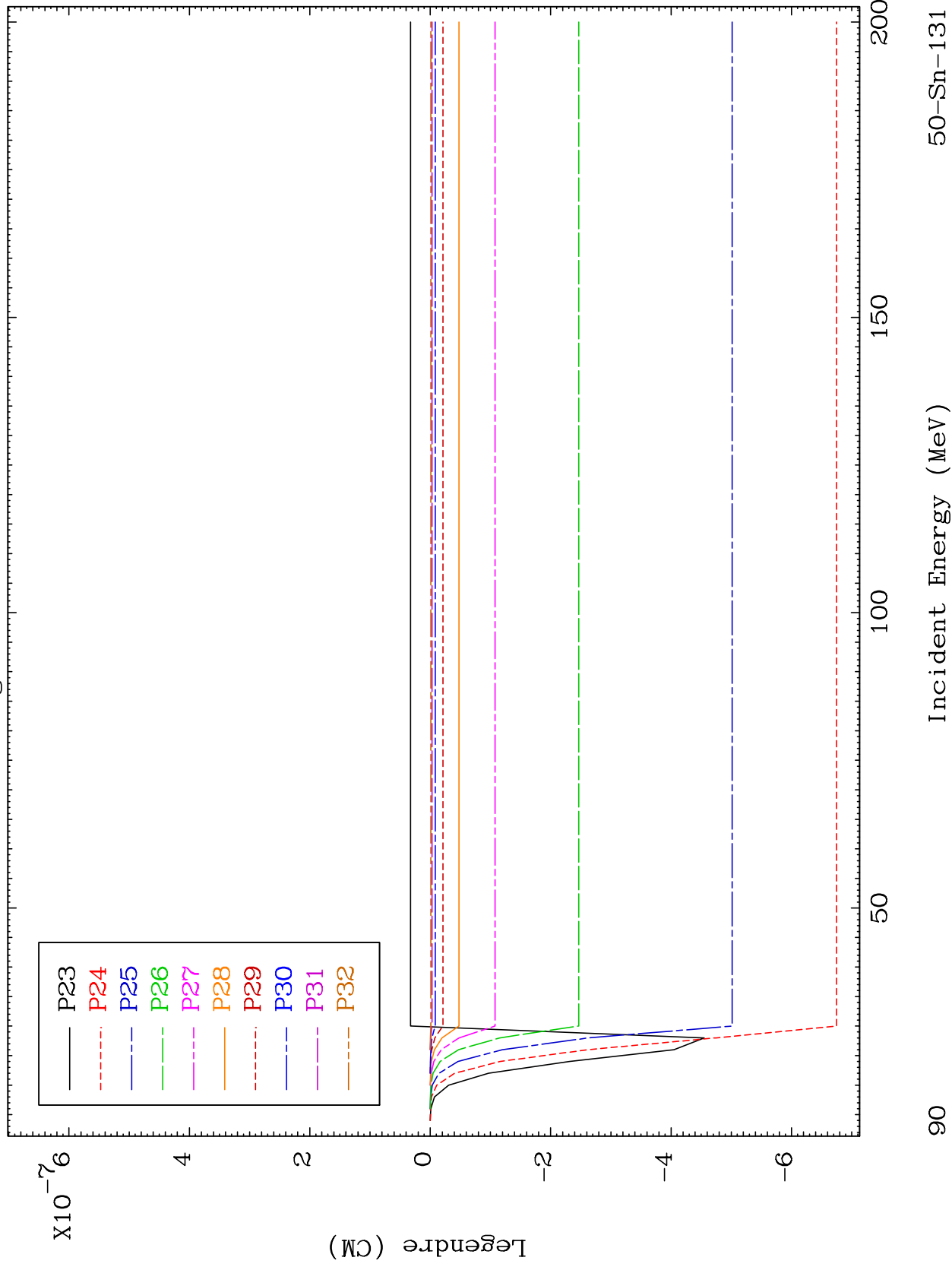




MAT 5082

MT= 69 (n,n') Level  
Legendre Coefficients

50-Sn-131



90

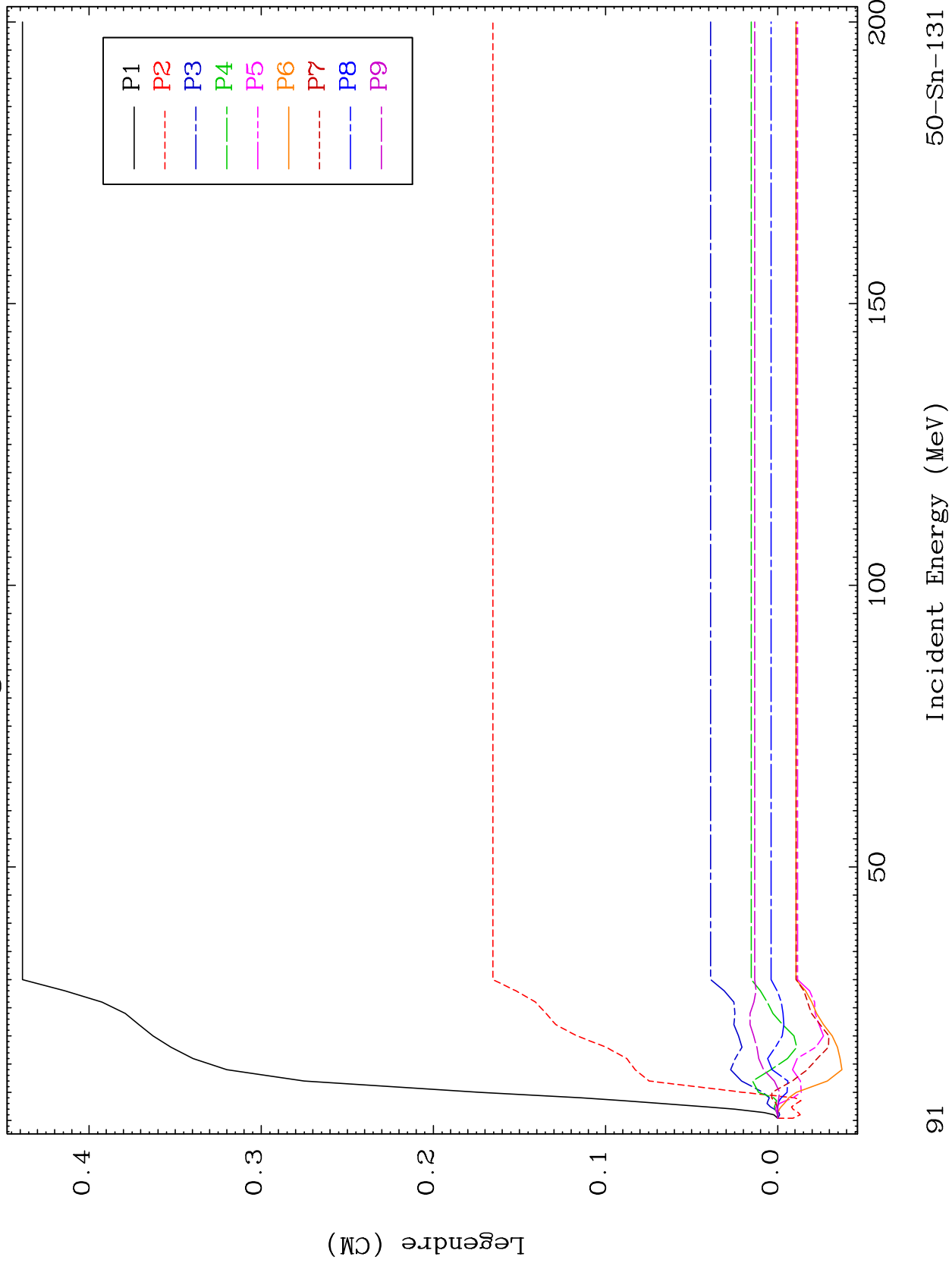
Incident Energy (MeV)

50-Sn-131

MAT 5082

MT= 70 (n,n') Level  
Legendre Coefficients

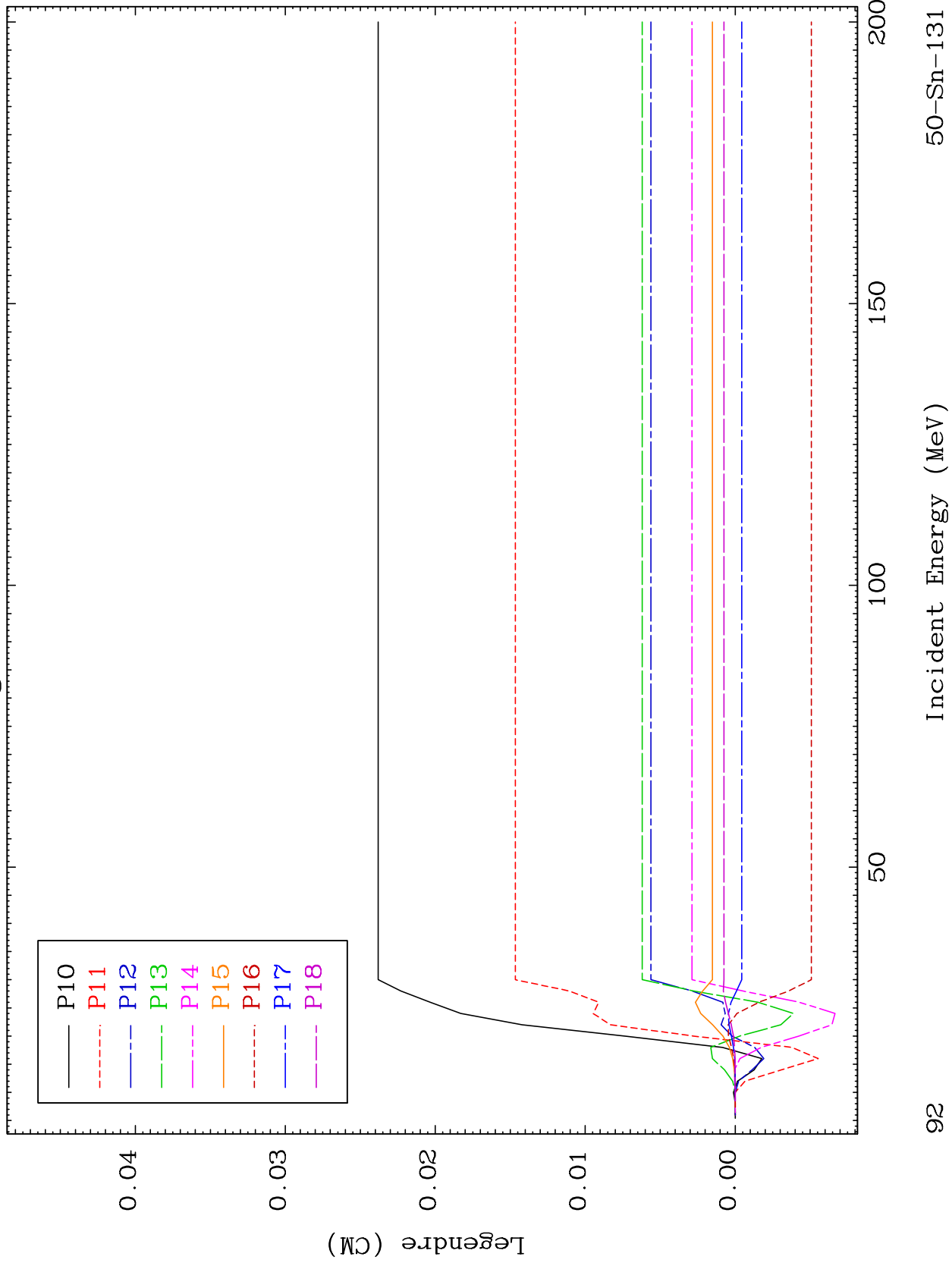
50-Sn-131

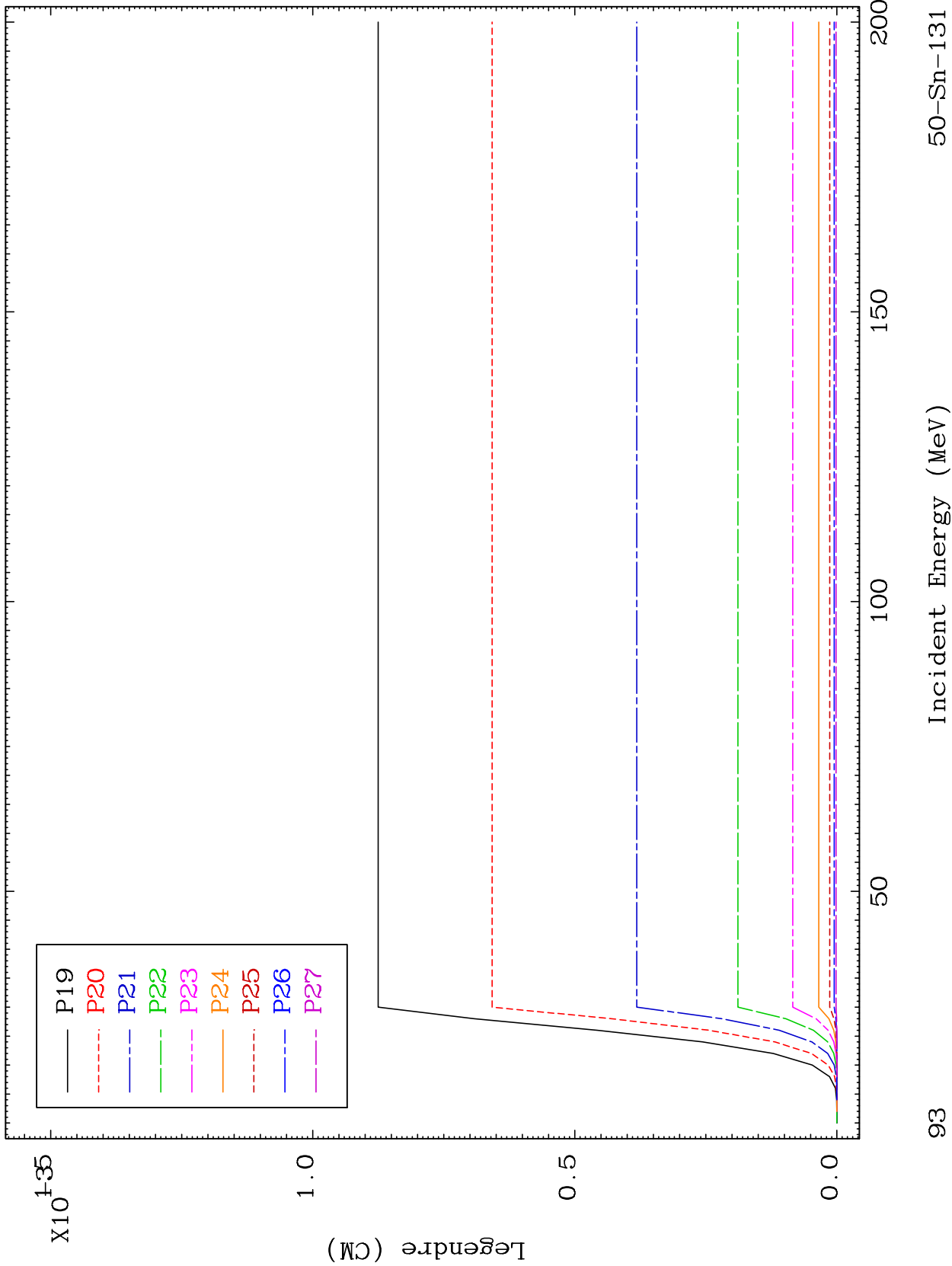


MAT 5082

MT= 70 (n,n') Level  
Legendre Coefficients

50-Sn-131

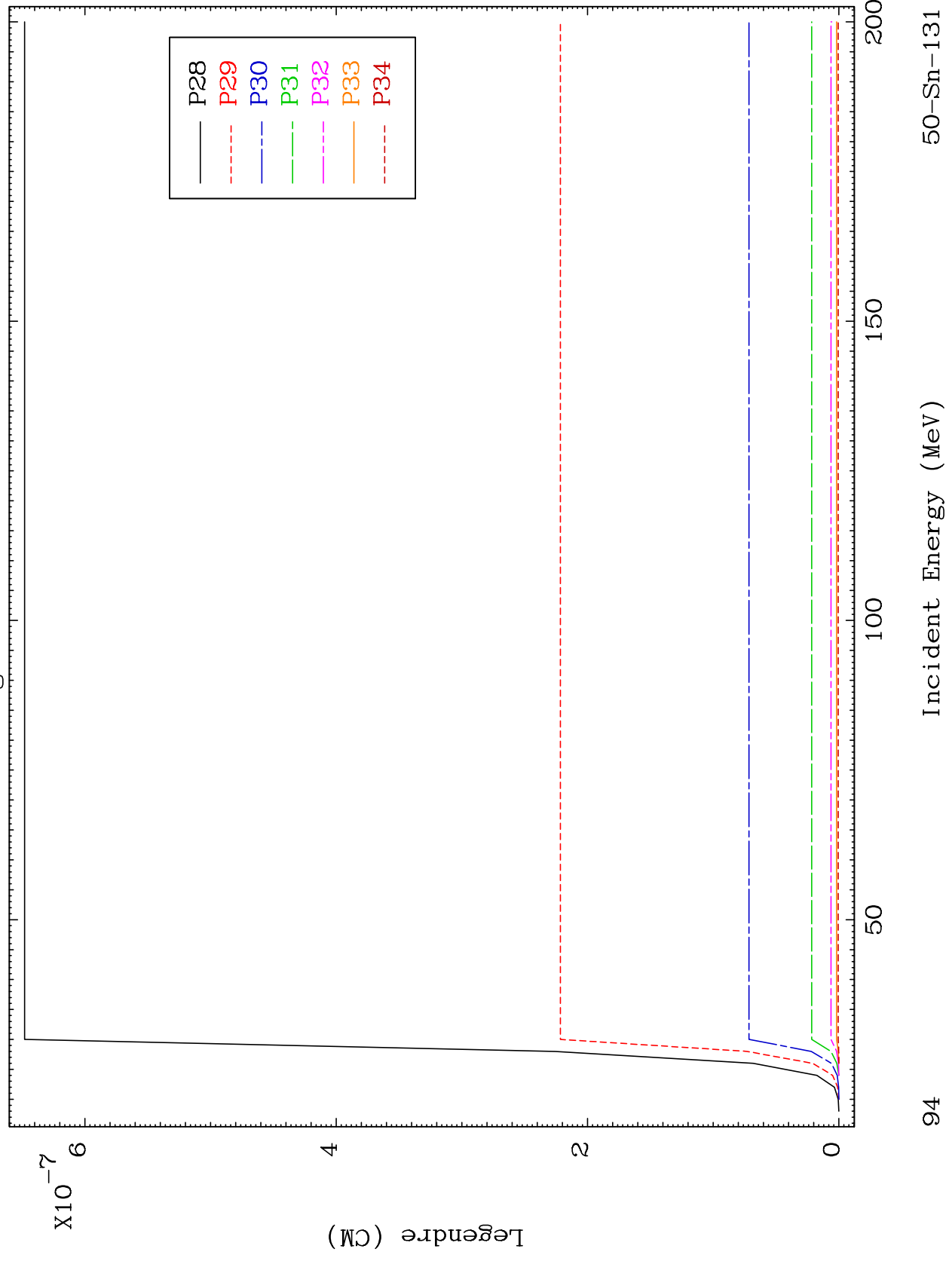




MAT 5082

MT= 70 (n,n') Level  
Legendre Coefficients

50-Sn-131



94

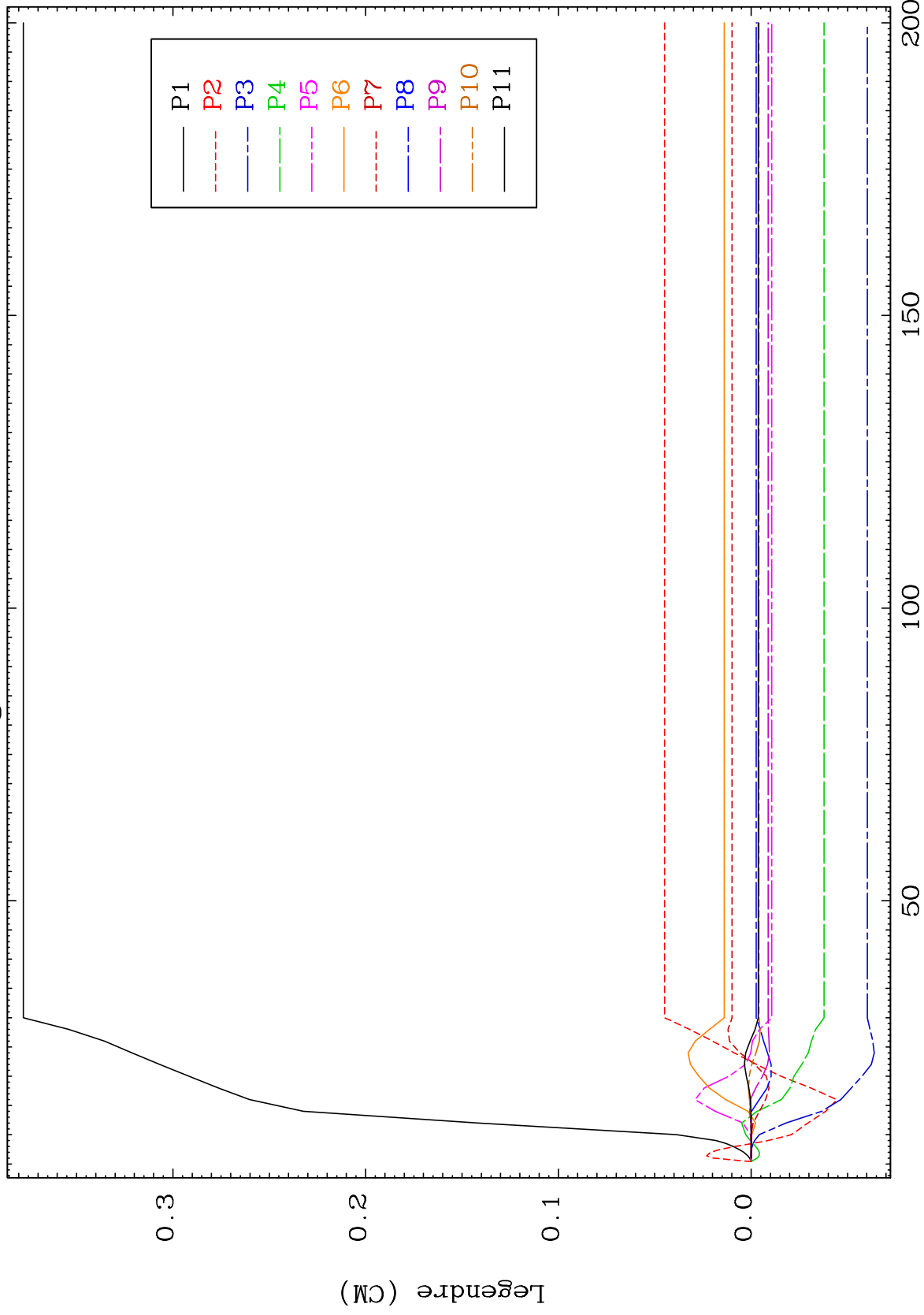
Incident Energy (MeV)

50-Sn-131

MAT 5082

MT= 71 (n,n') Level  
Legendre Coefficients

50-Sn-131

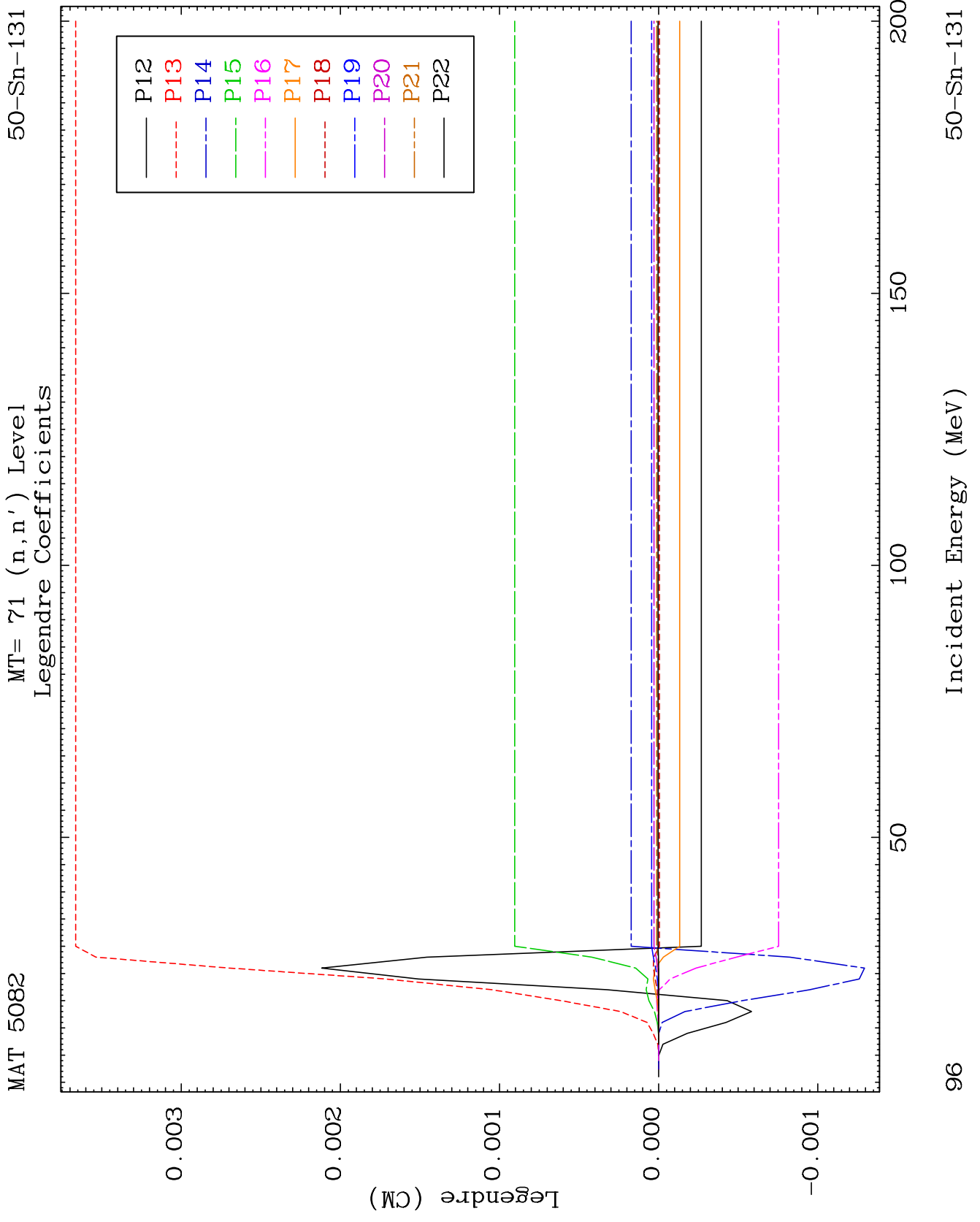


95

Incident Energy (MeV)

50-Sn-131

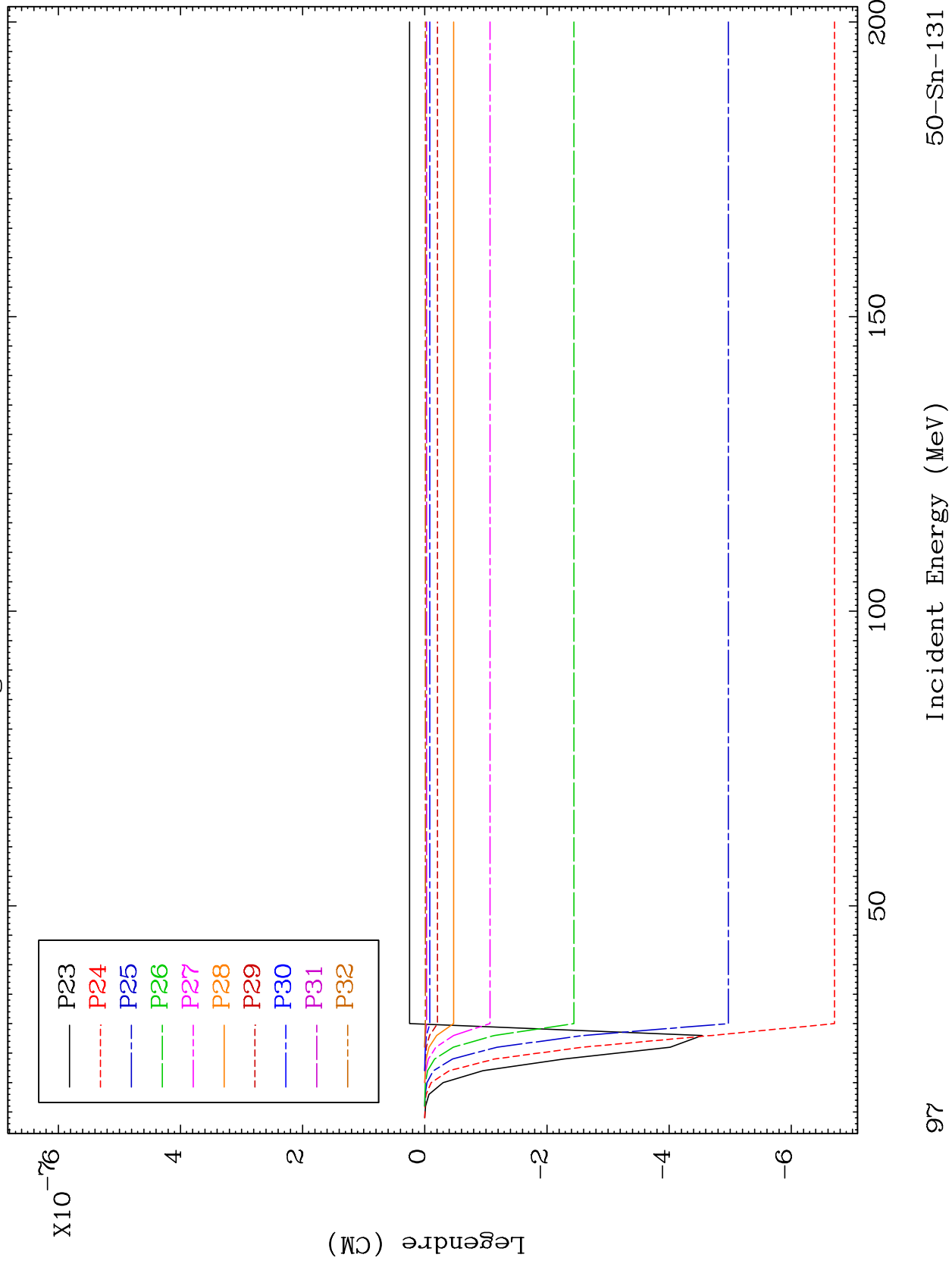




MAT 5082

MT= 71 (n,n') Level  
Legendre Coefficients

50-Sn-131



97

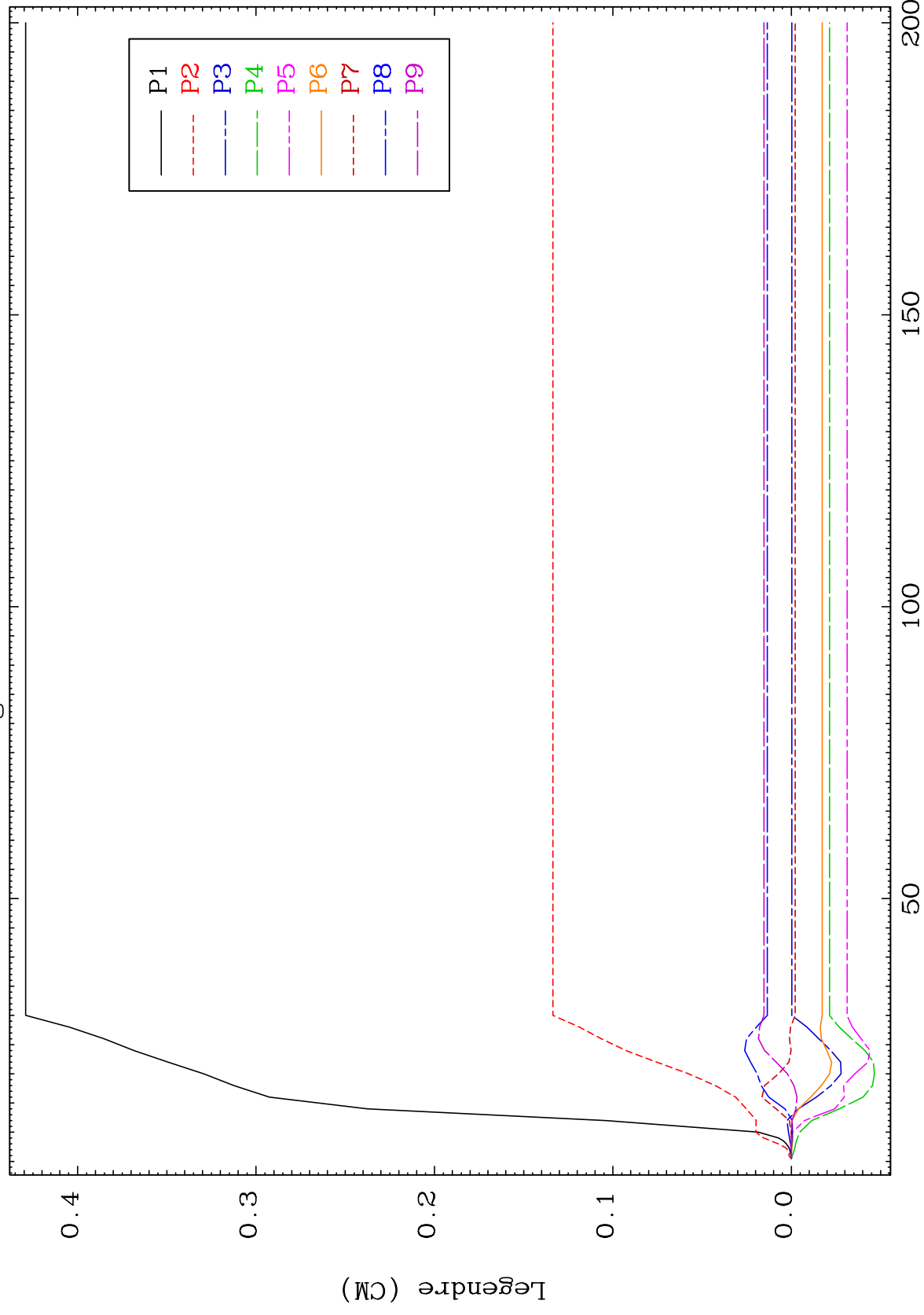
Incident Energy (MeV)

50-Sn-131

MAT 5082

MT= 72 (n,n') Level  
Legendre Coefficients

50-Sn-131



98

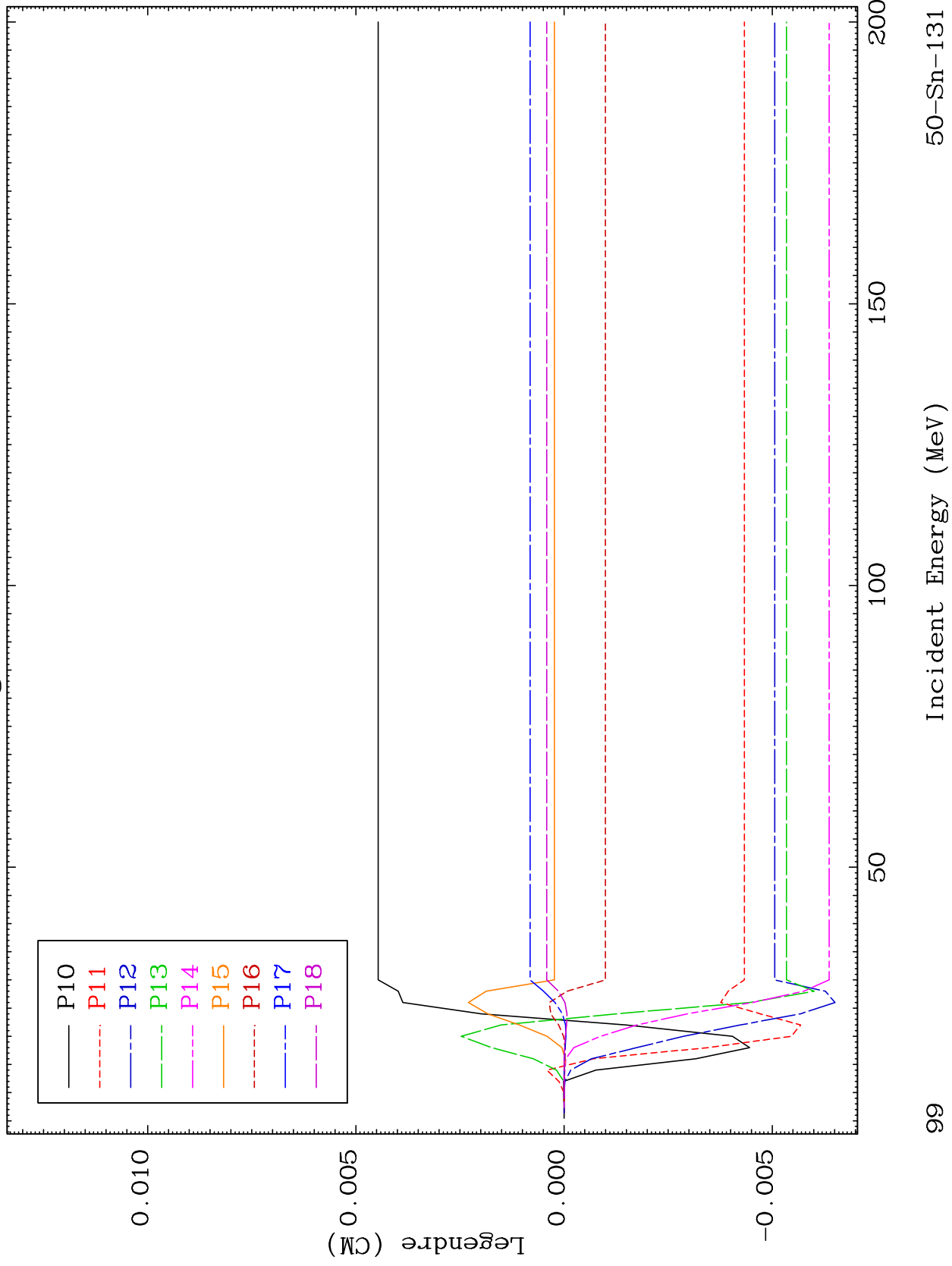
Incident Energy (MeV)

50-Sn-131

MAT 5082

MT= 72 (n,n') Level  
Legendre Coefficients

50-Sn-131



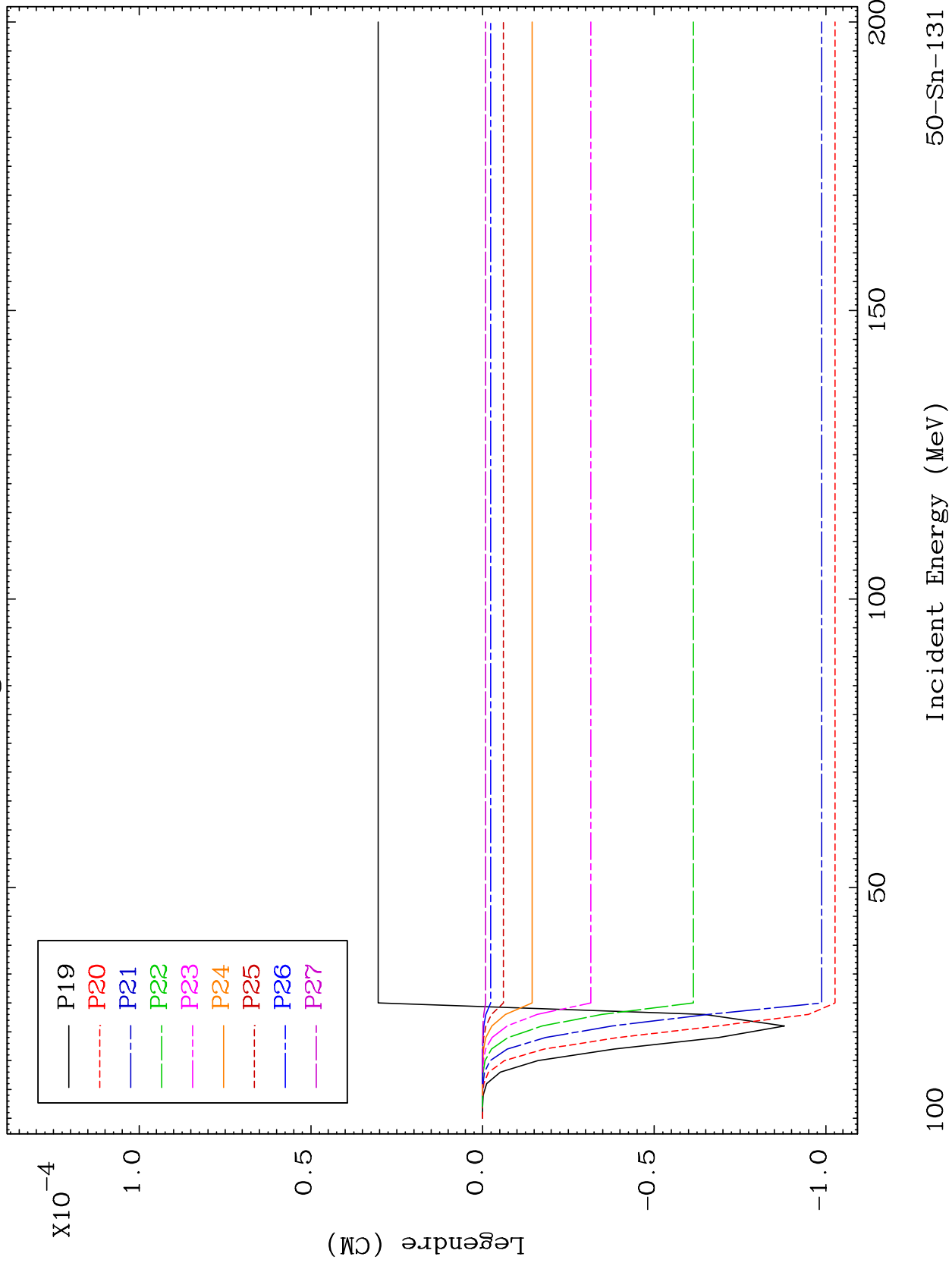
99

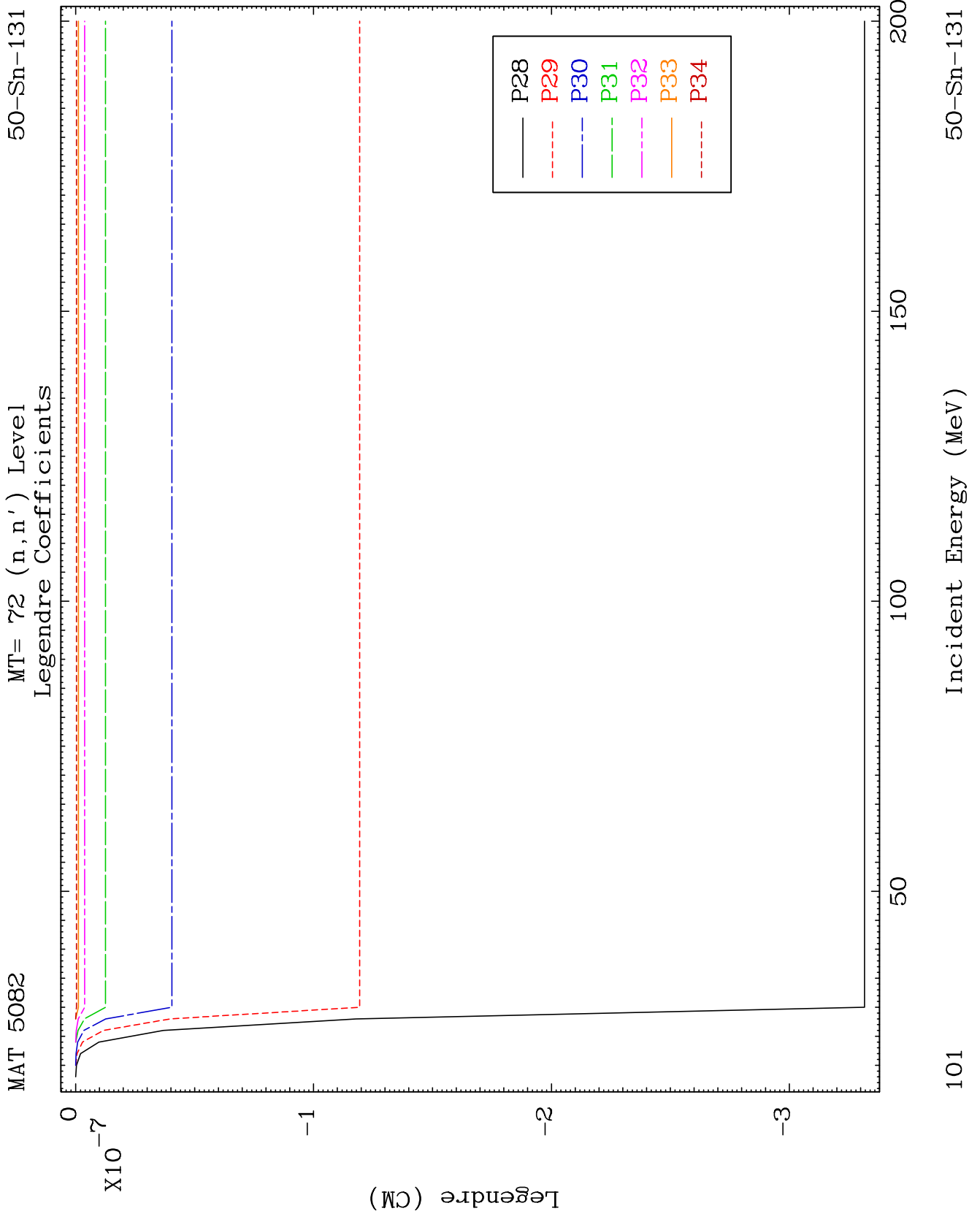
50-Sn-131

MAT 5082

MT= 72 (n,n') Level  
Legendre Coefficients

50-Sn-131

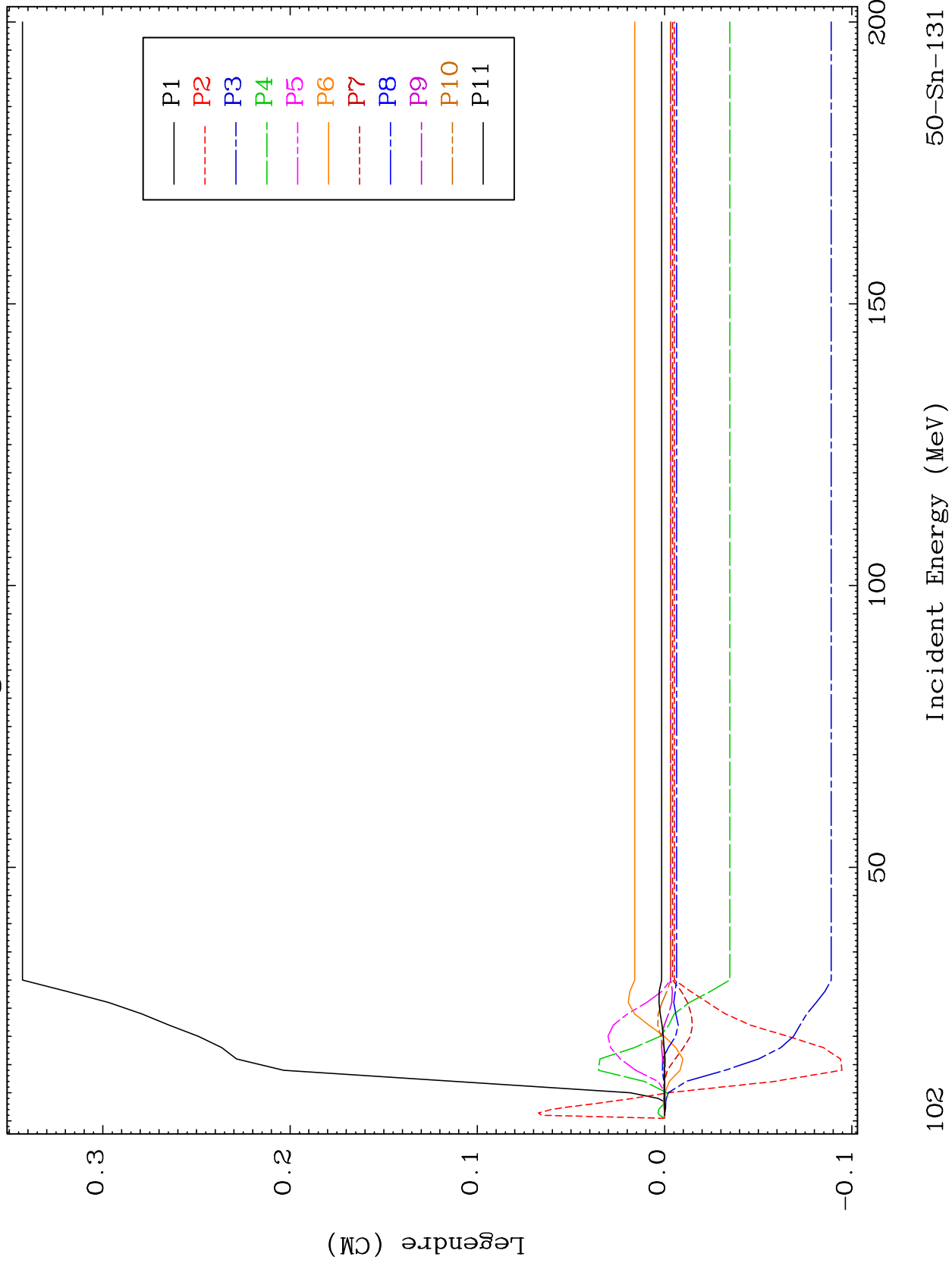




MAT 5082

MT= 73 (n,n') Level  
Legendre Coefficients

50-Sn-131



50-Sn-131

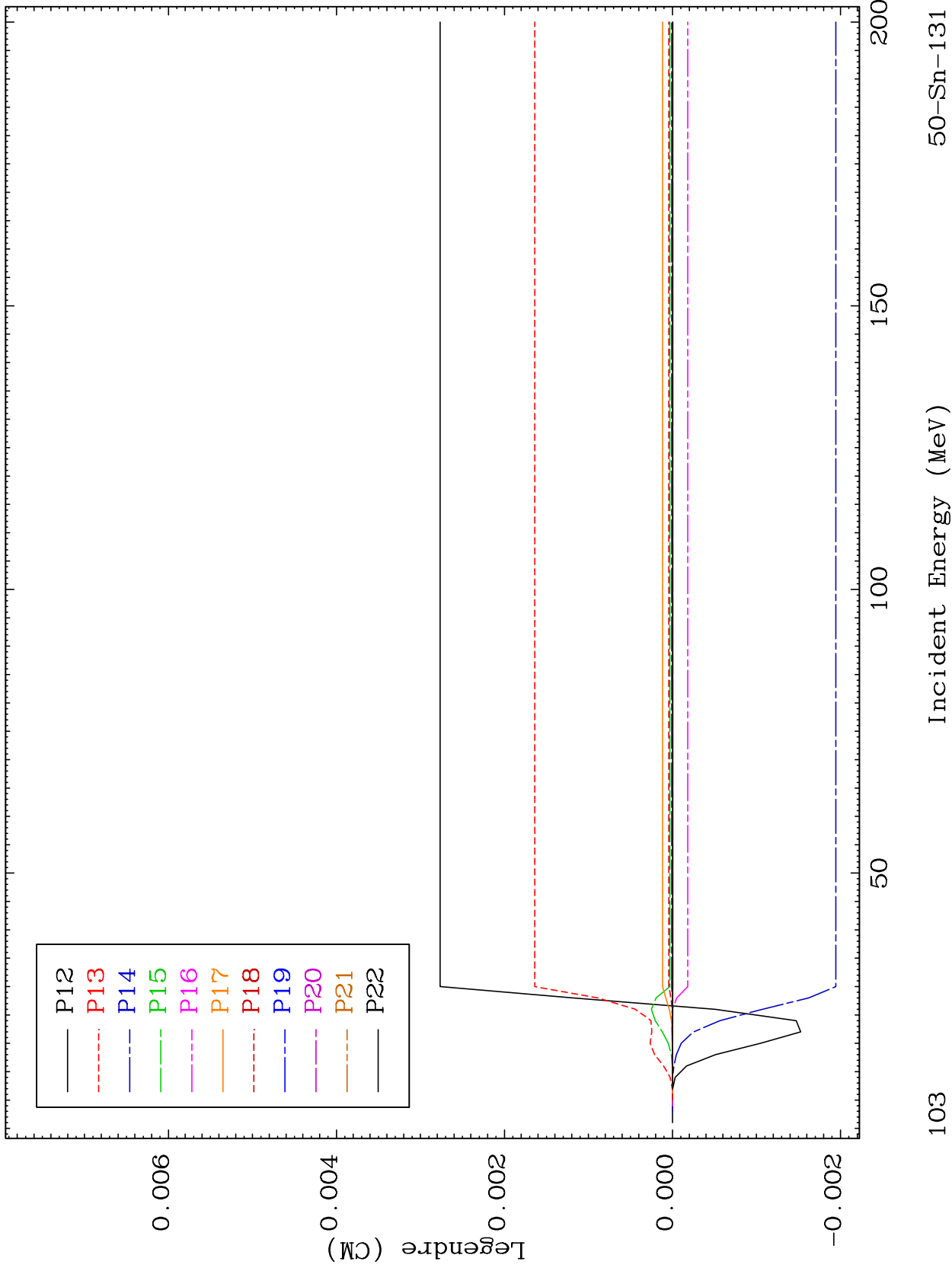
Incident Energy (MeV)

102

MAT 5082

MT= 73 (n,n') Level  
Legendre Coefficients

50-Sn-131

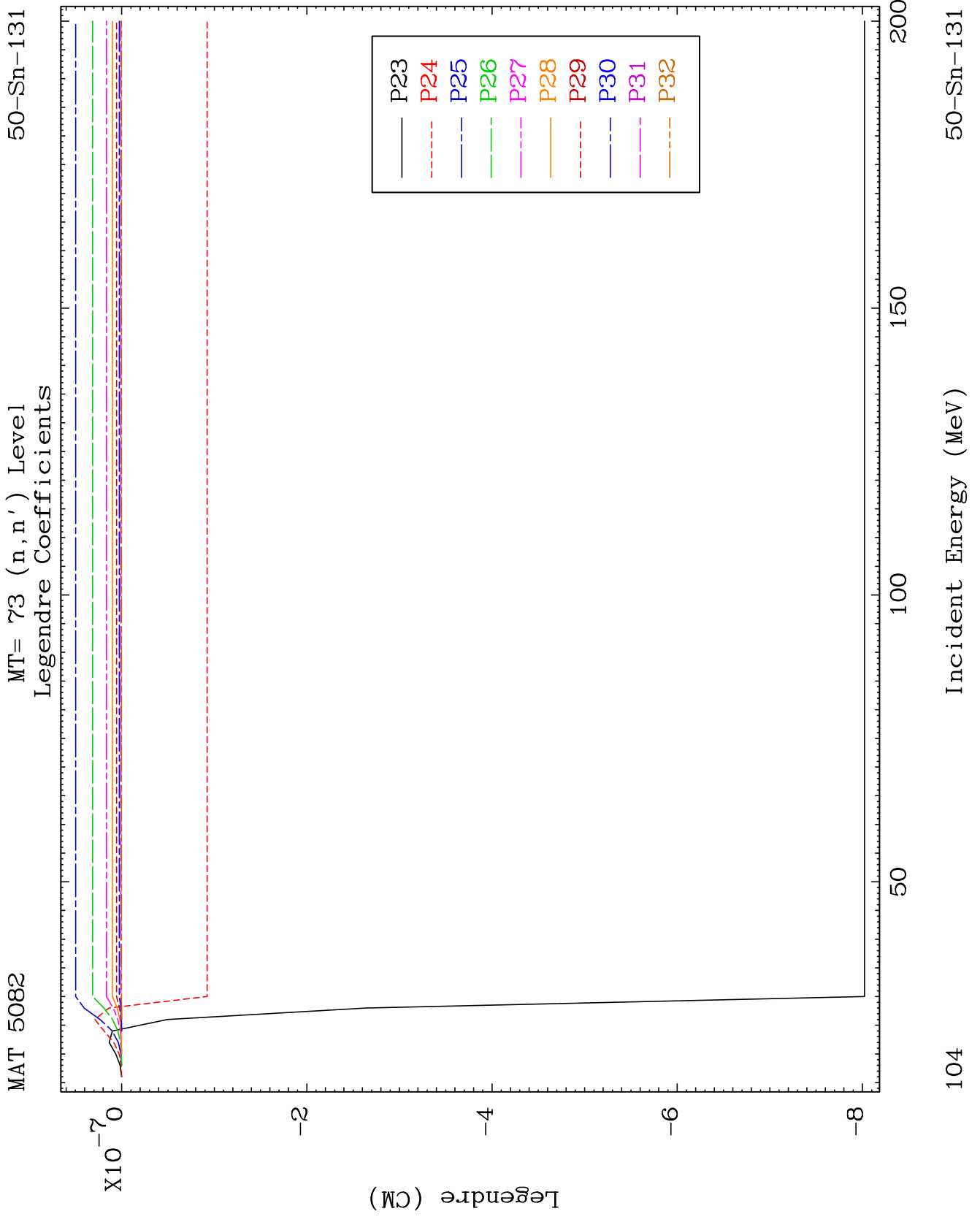


103

Incident Energy (MeV)

50-Sn-131

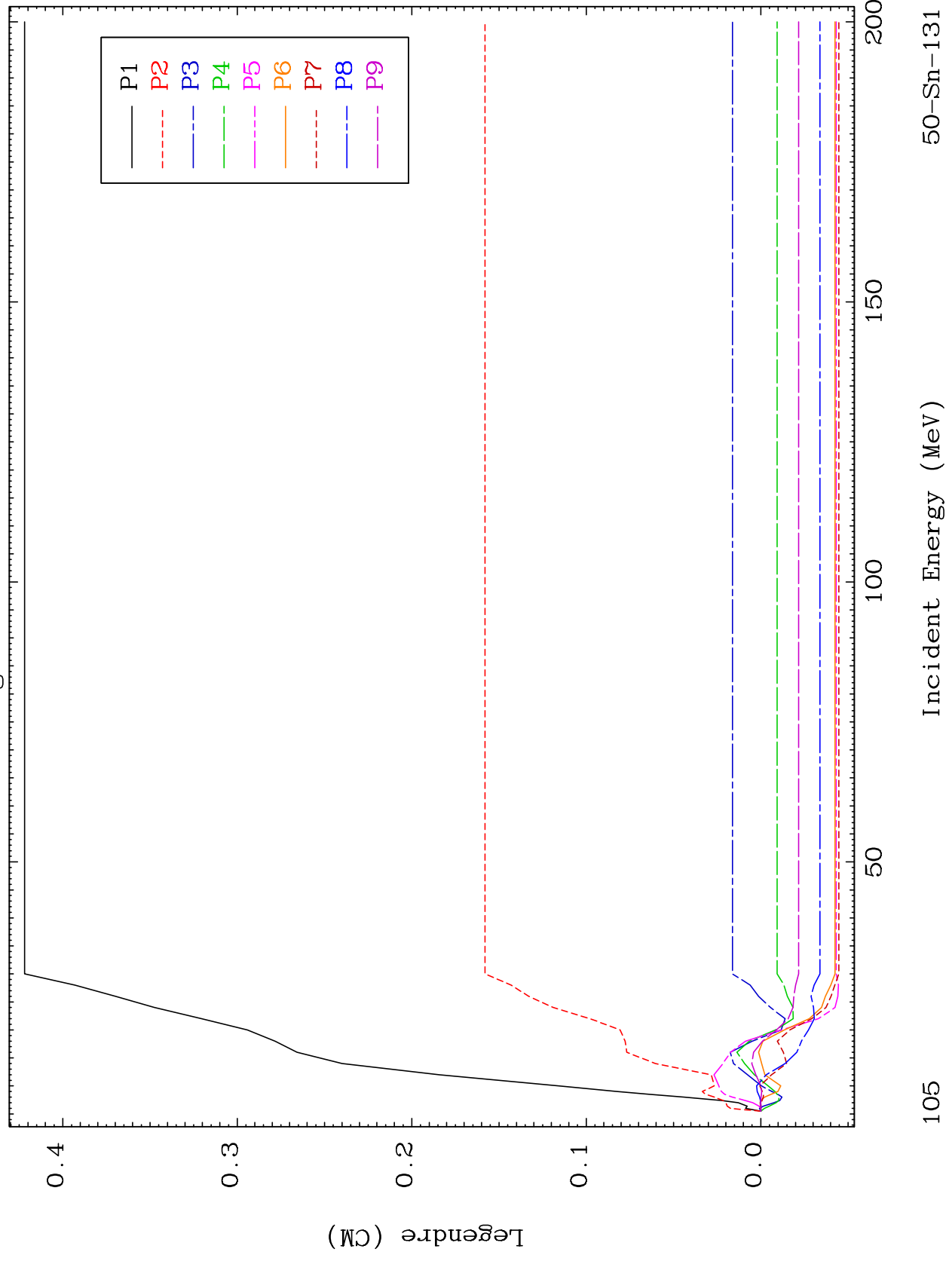




MAT 5082

MT= 74 (n,n') Level  
Legendre Coefficients

50-Sn-131



50-Sn-131

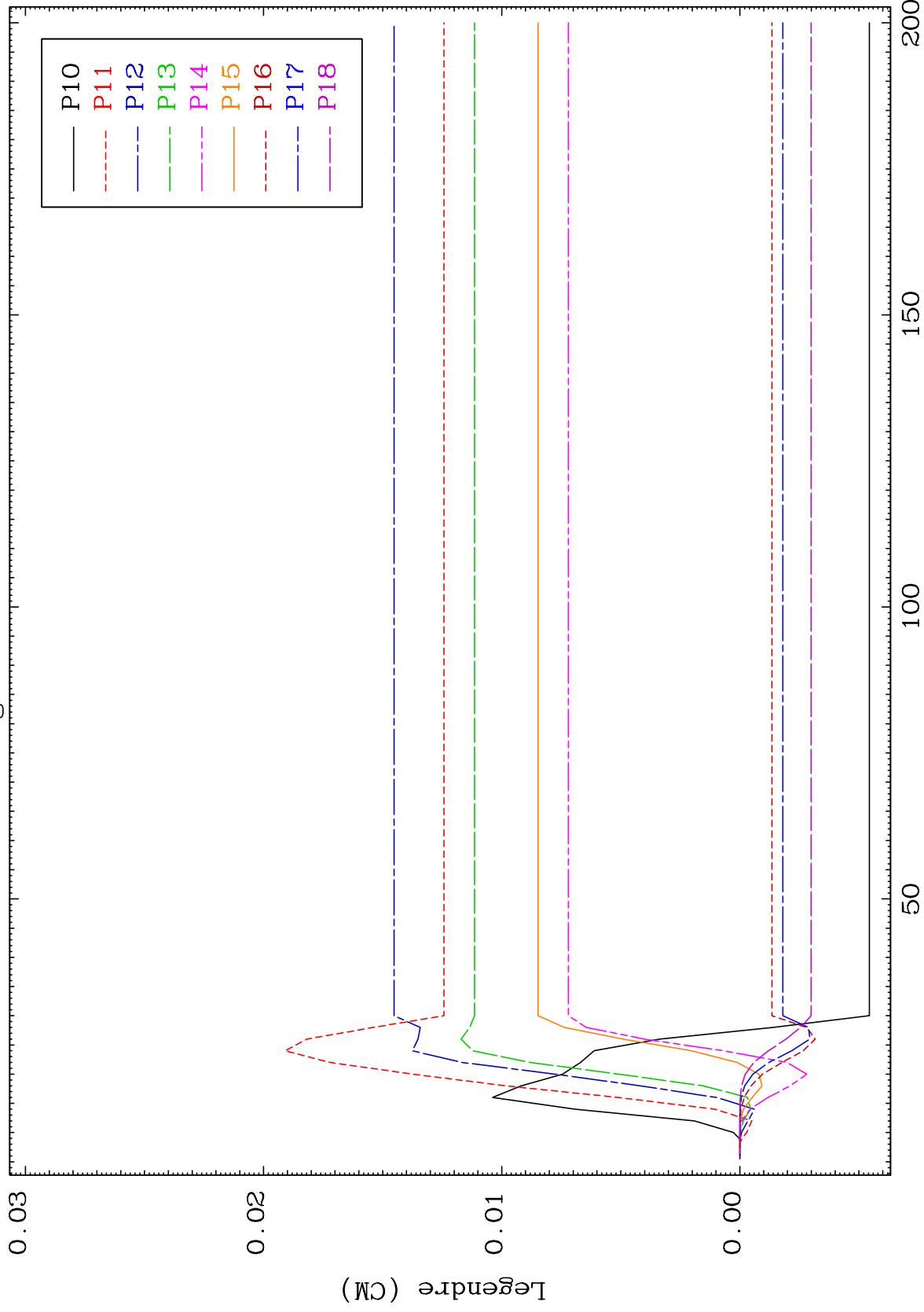
Incident Energy (MeV)

105

MAT 5082

MT= 74 (n,n') Level  
Legendre Coefficients

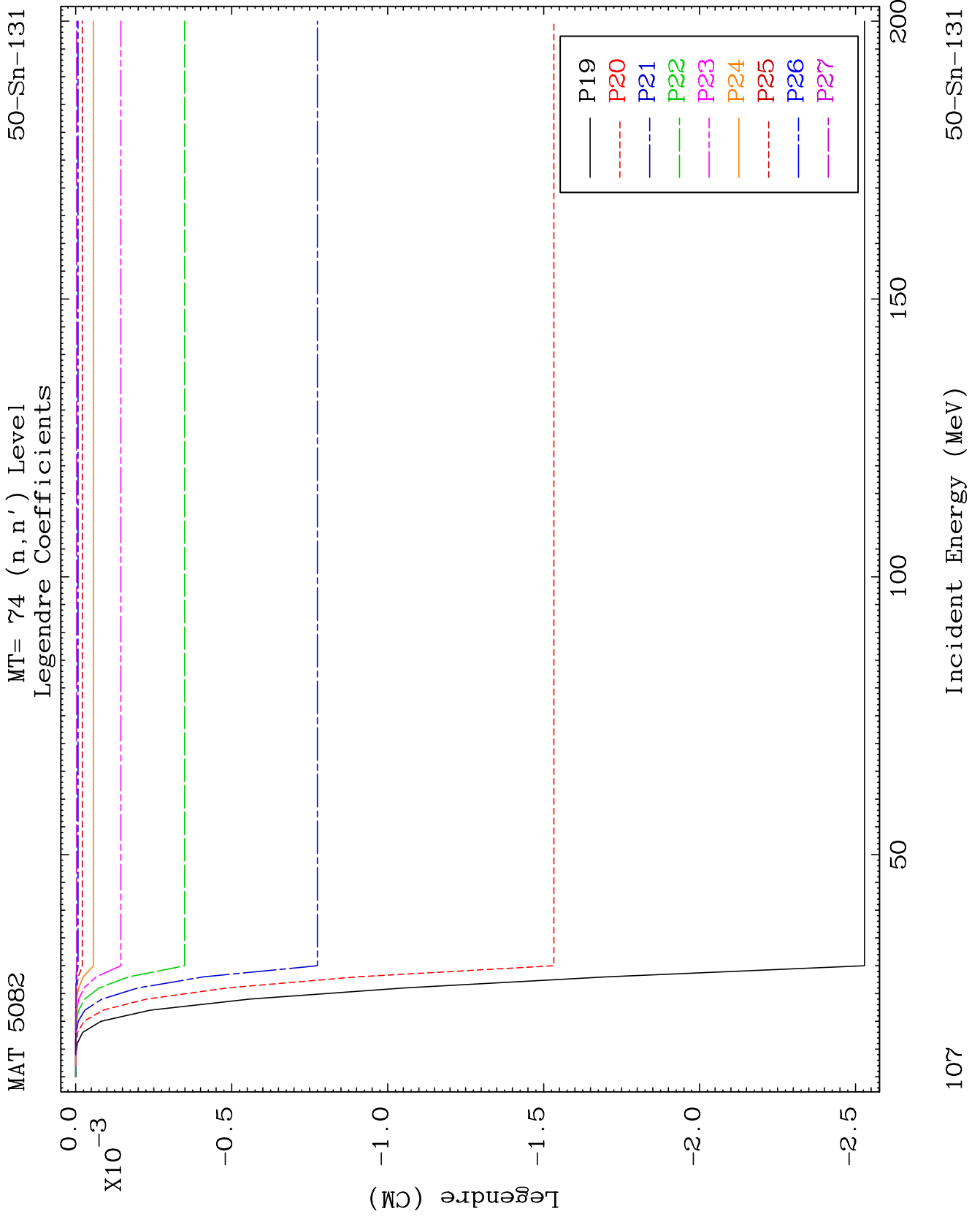
50-Sn-131

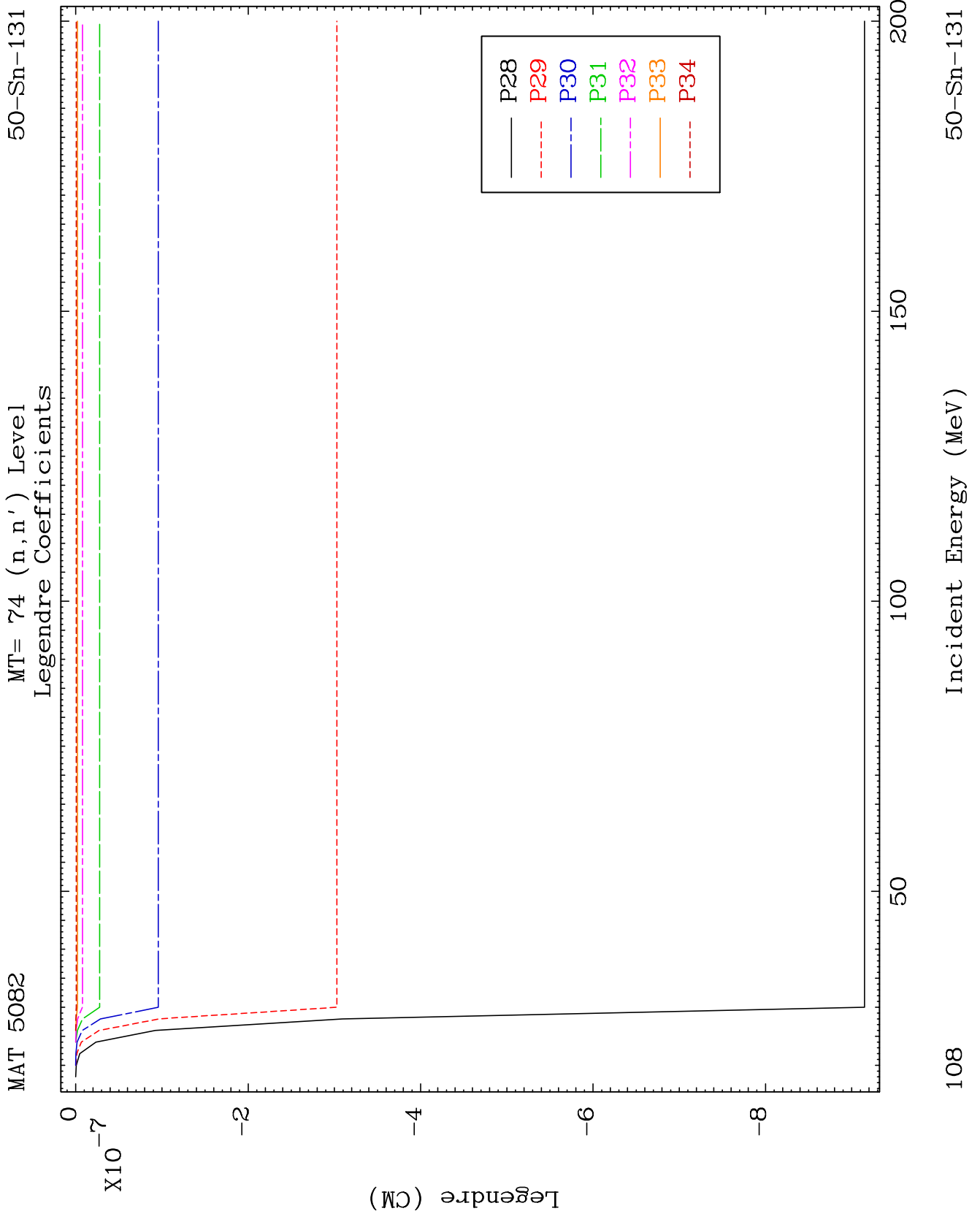


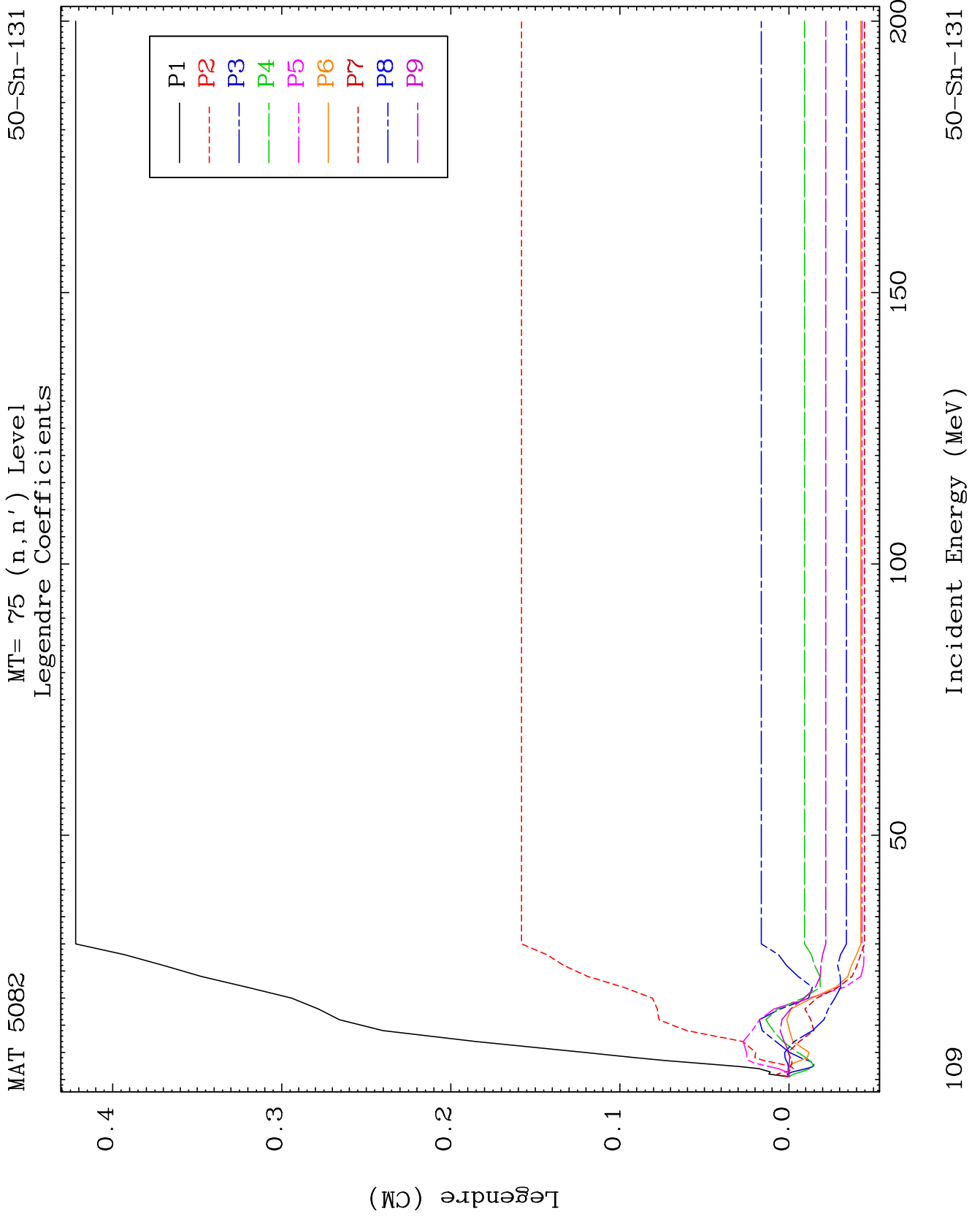
106

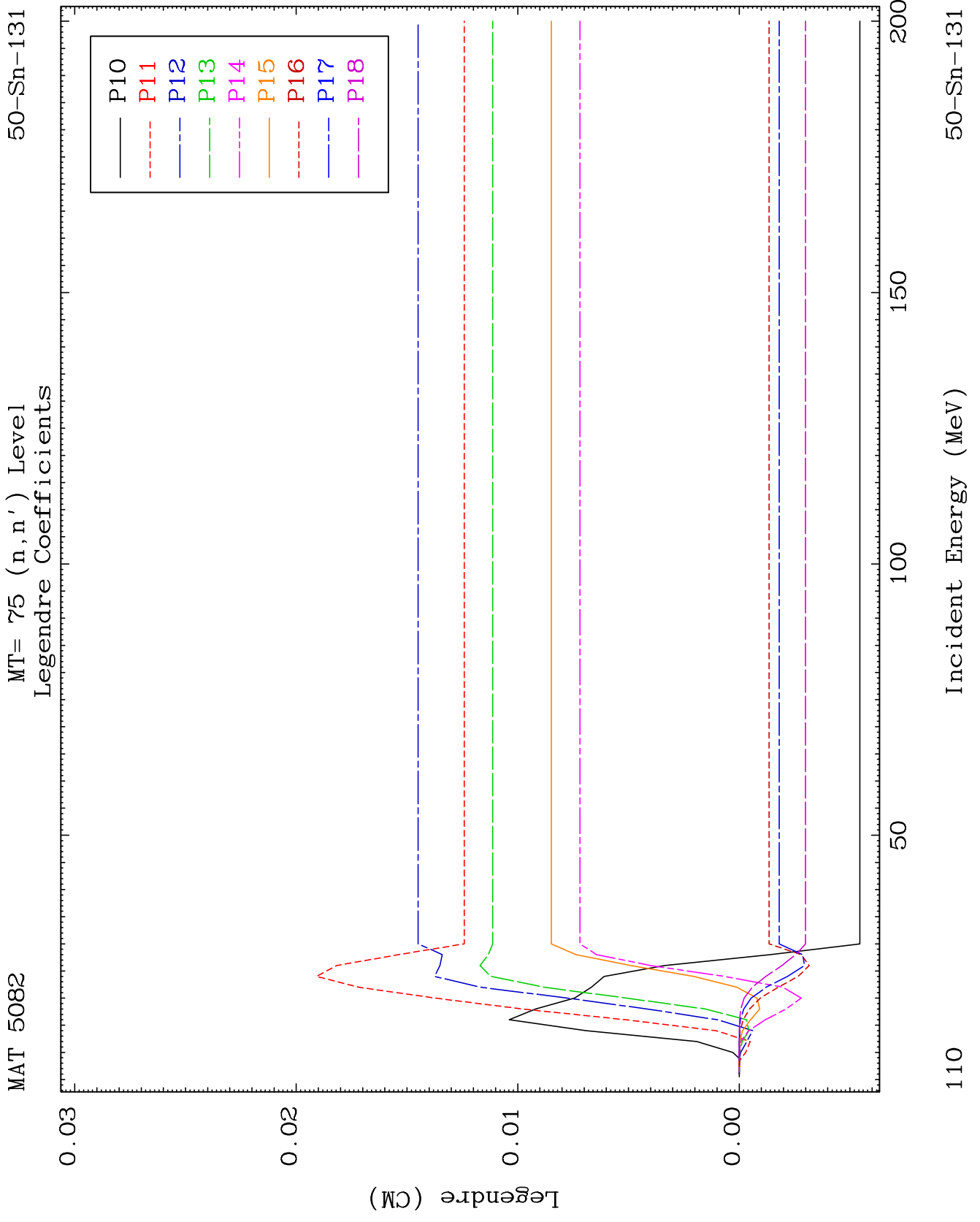
Incident Energy (MeV)

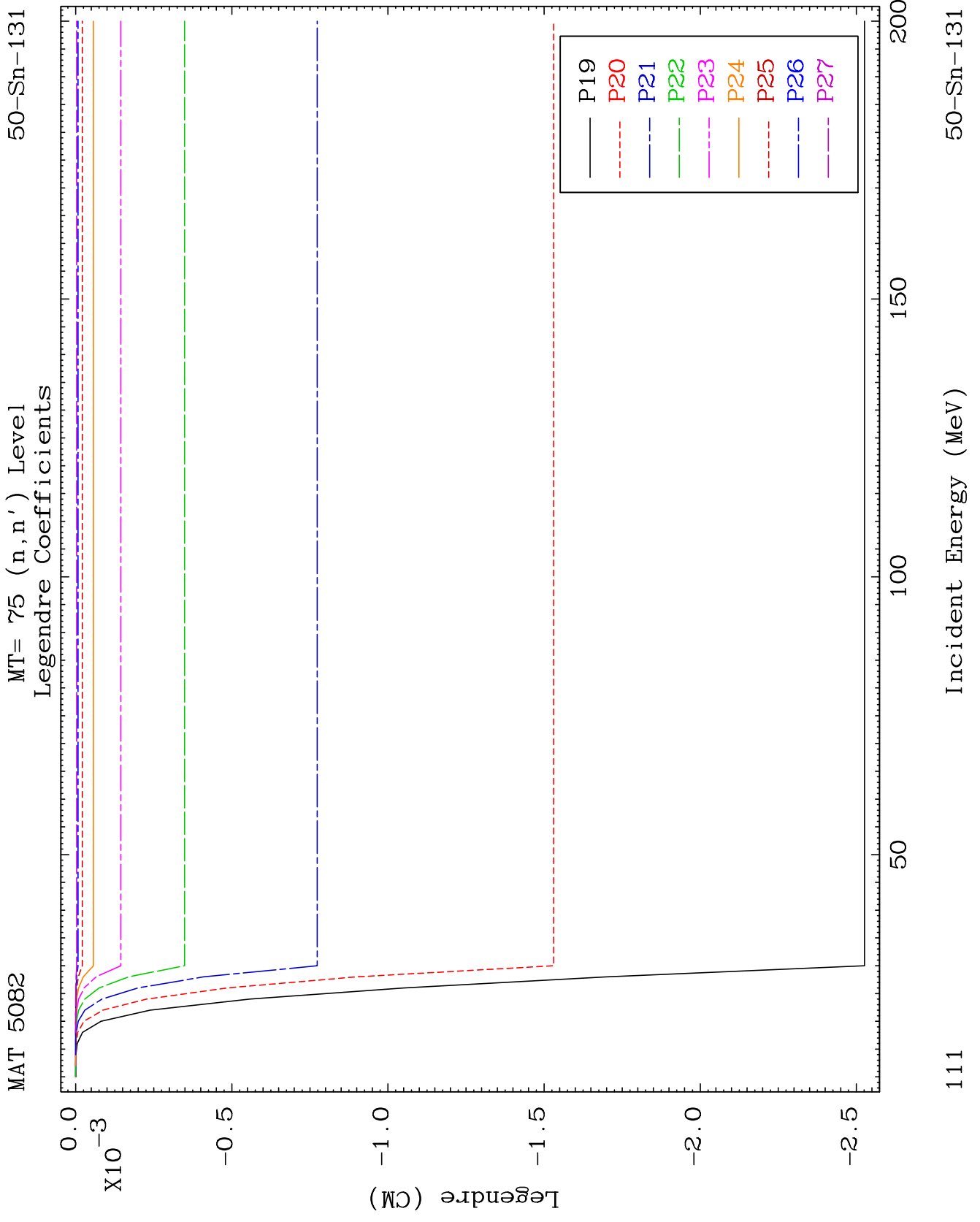
50-Sn-131



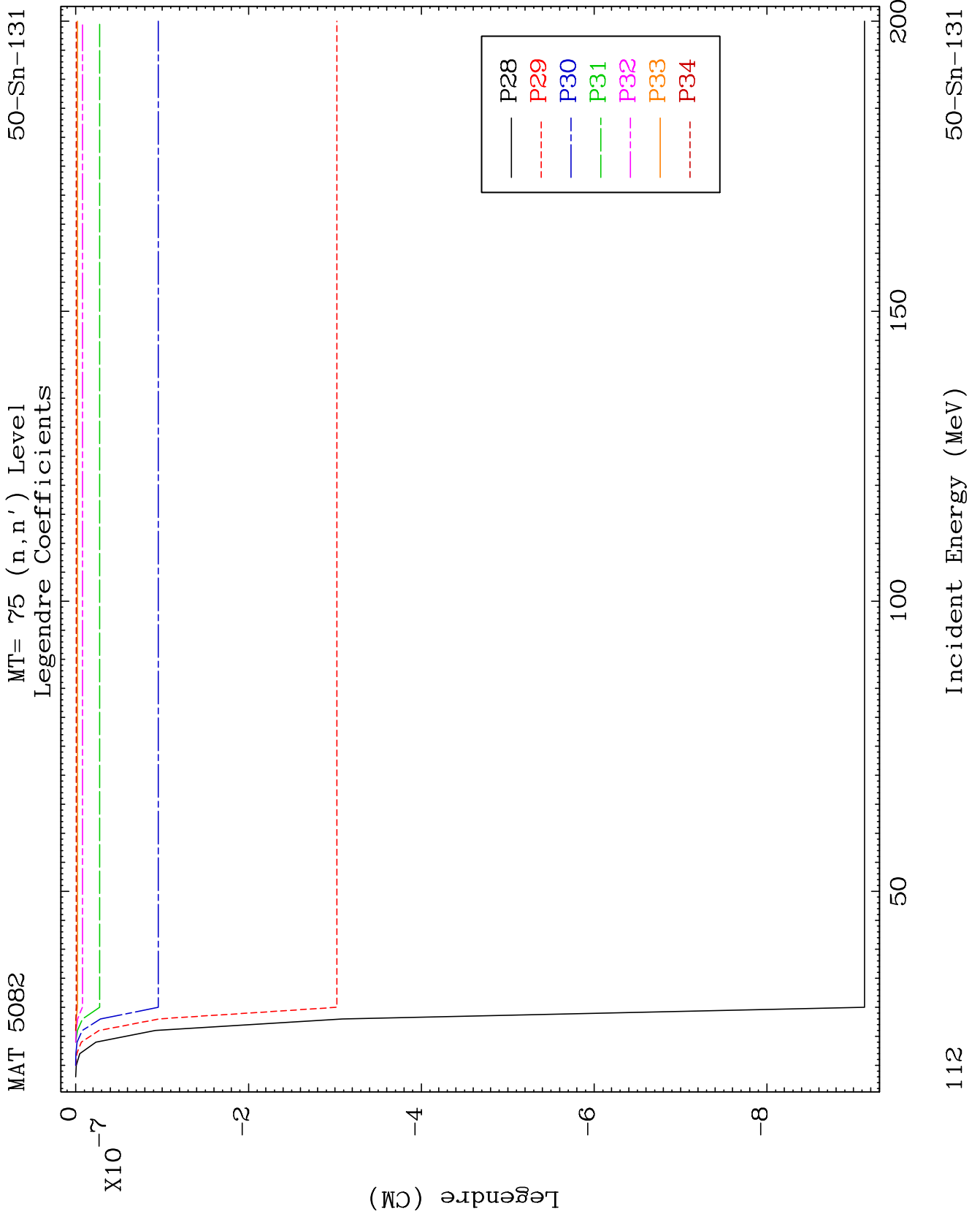








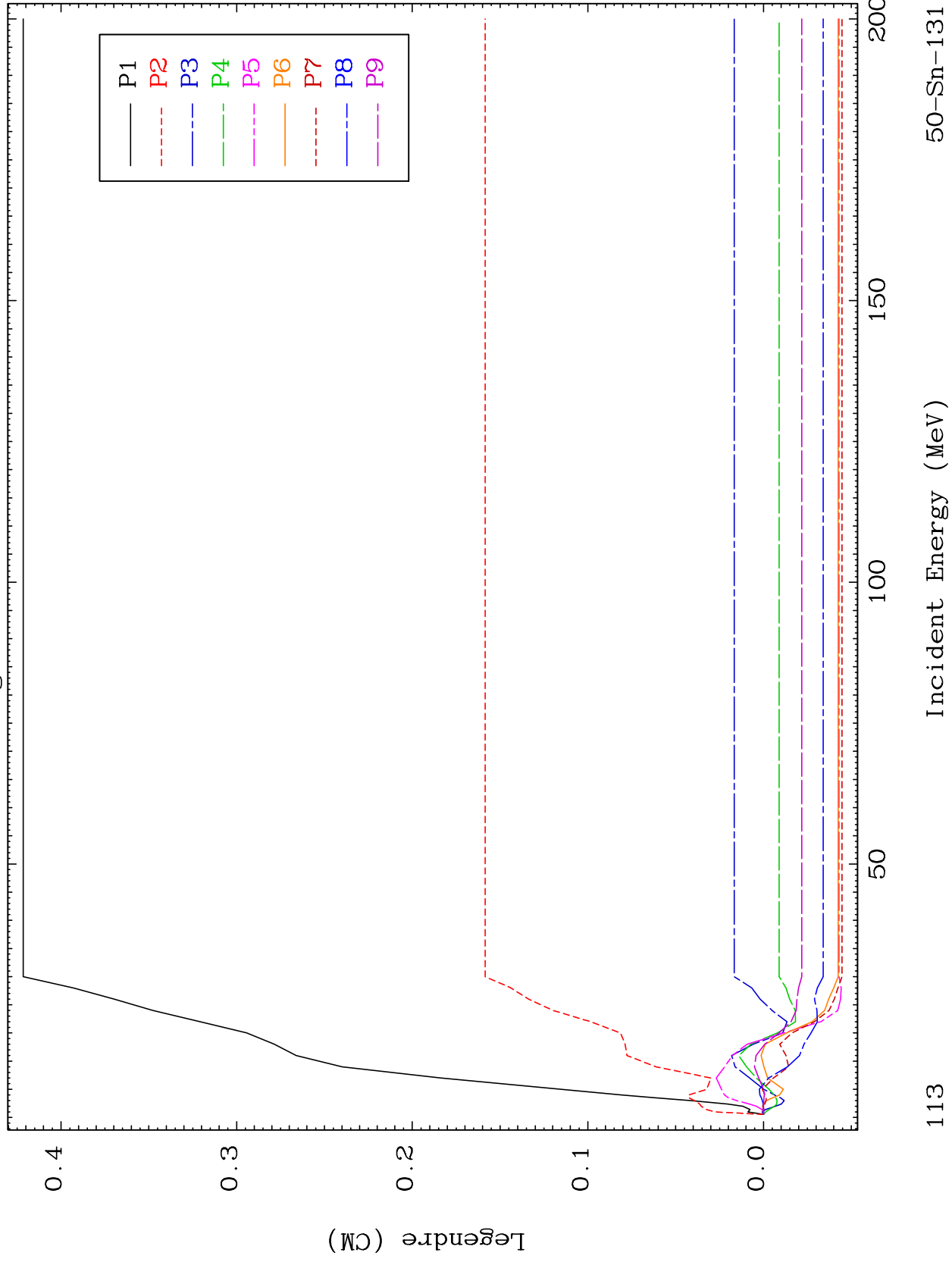




MAT 5082

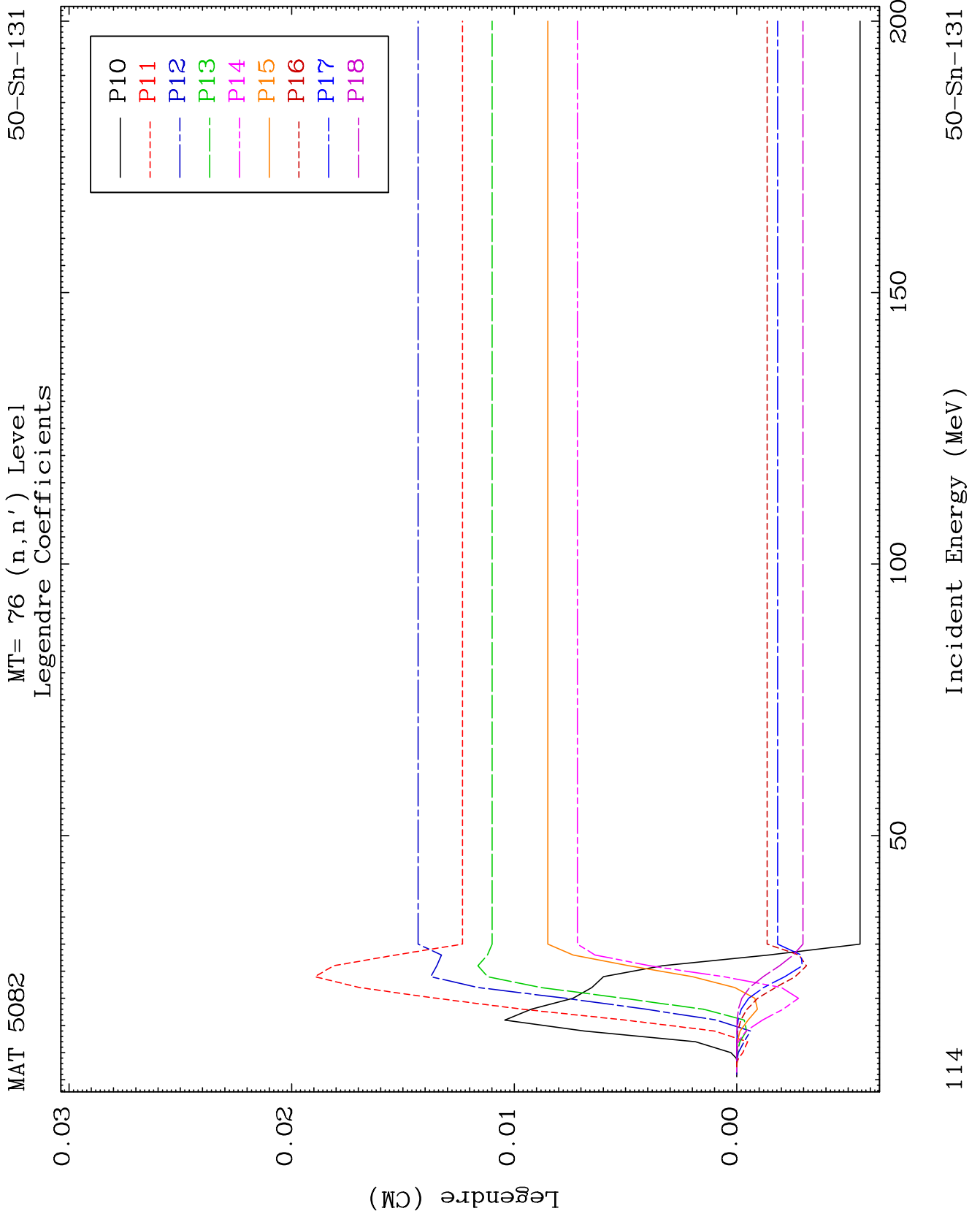
MT= 76 (n,n') Level  
Legendre Coefficients

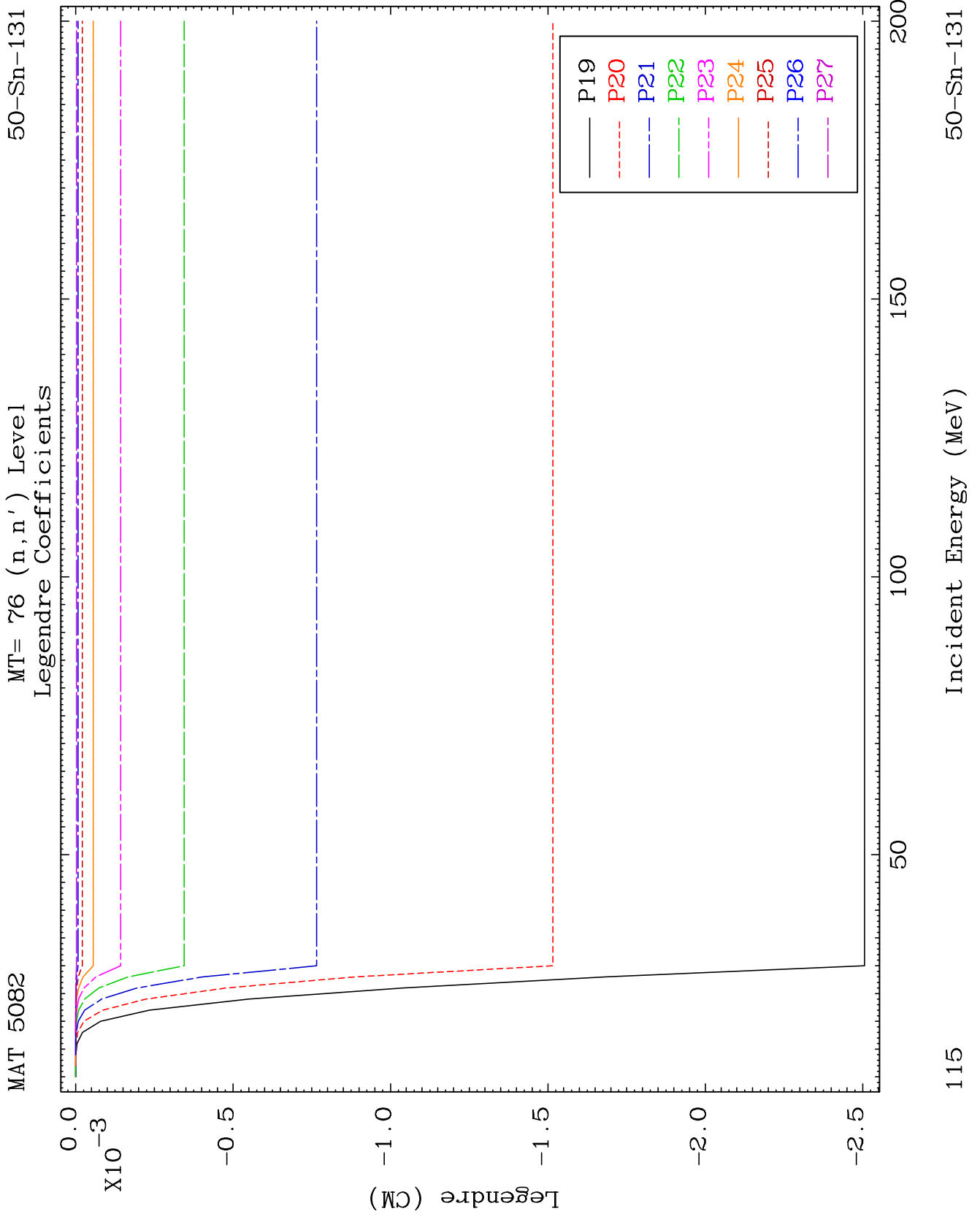
50-Sn-131

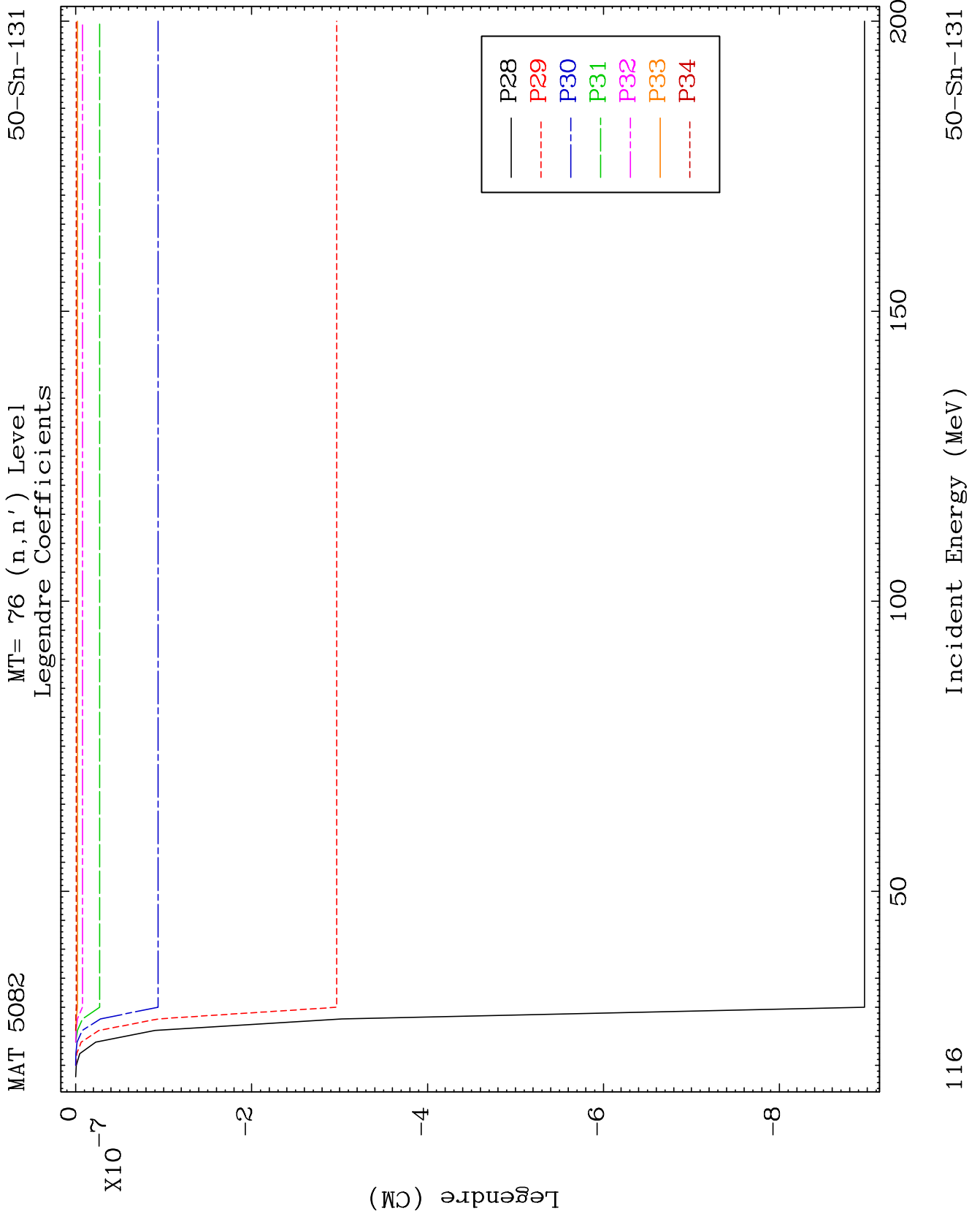


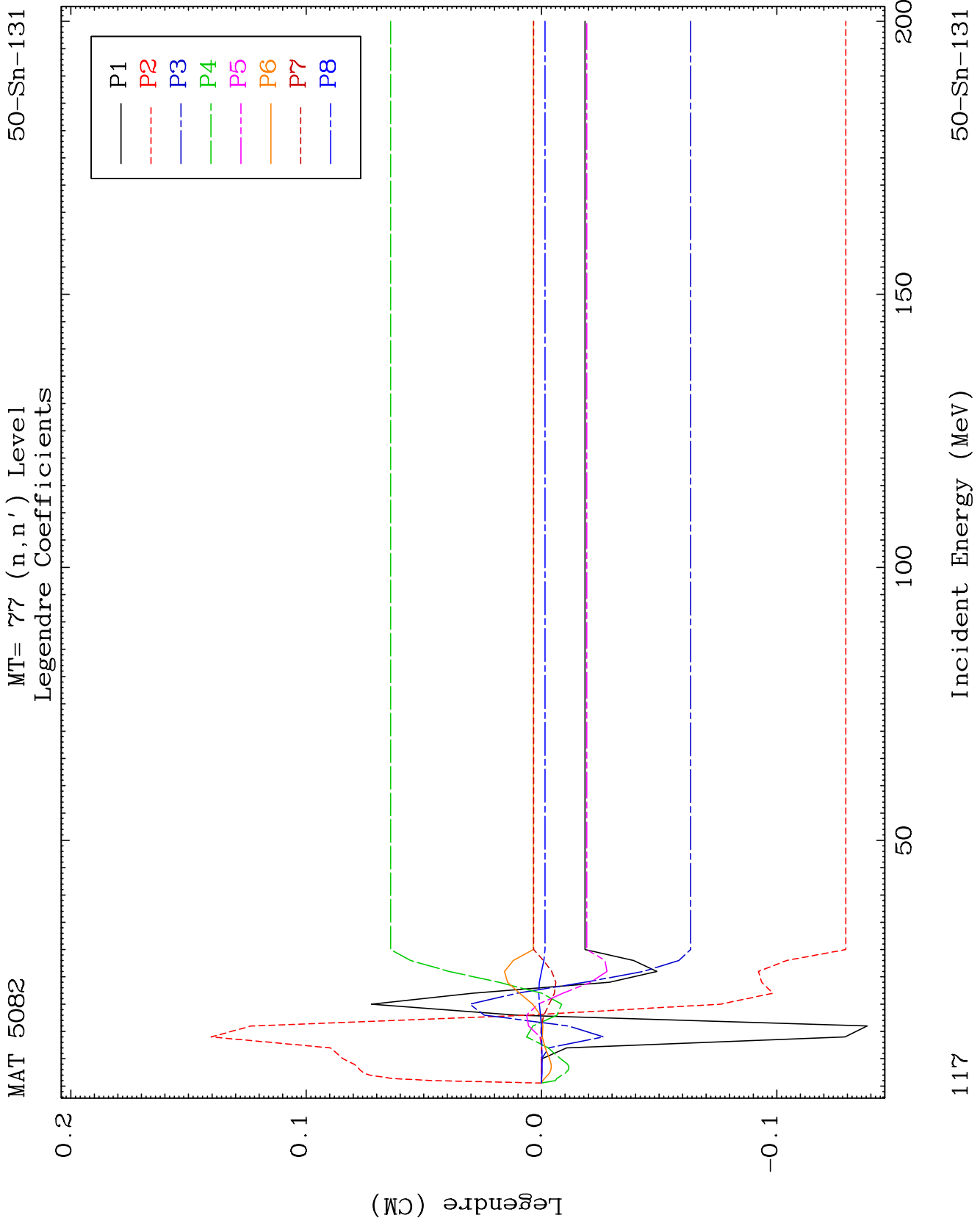
113

50-Sn-131





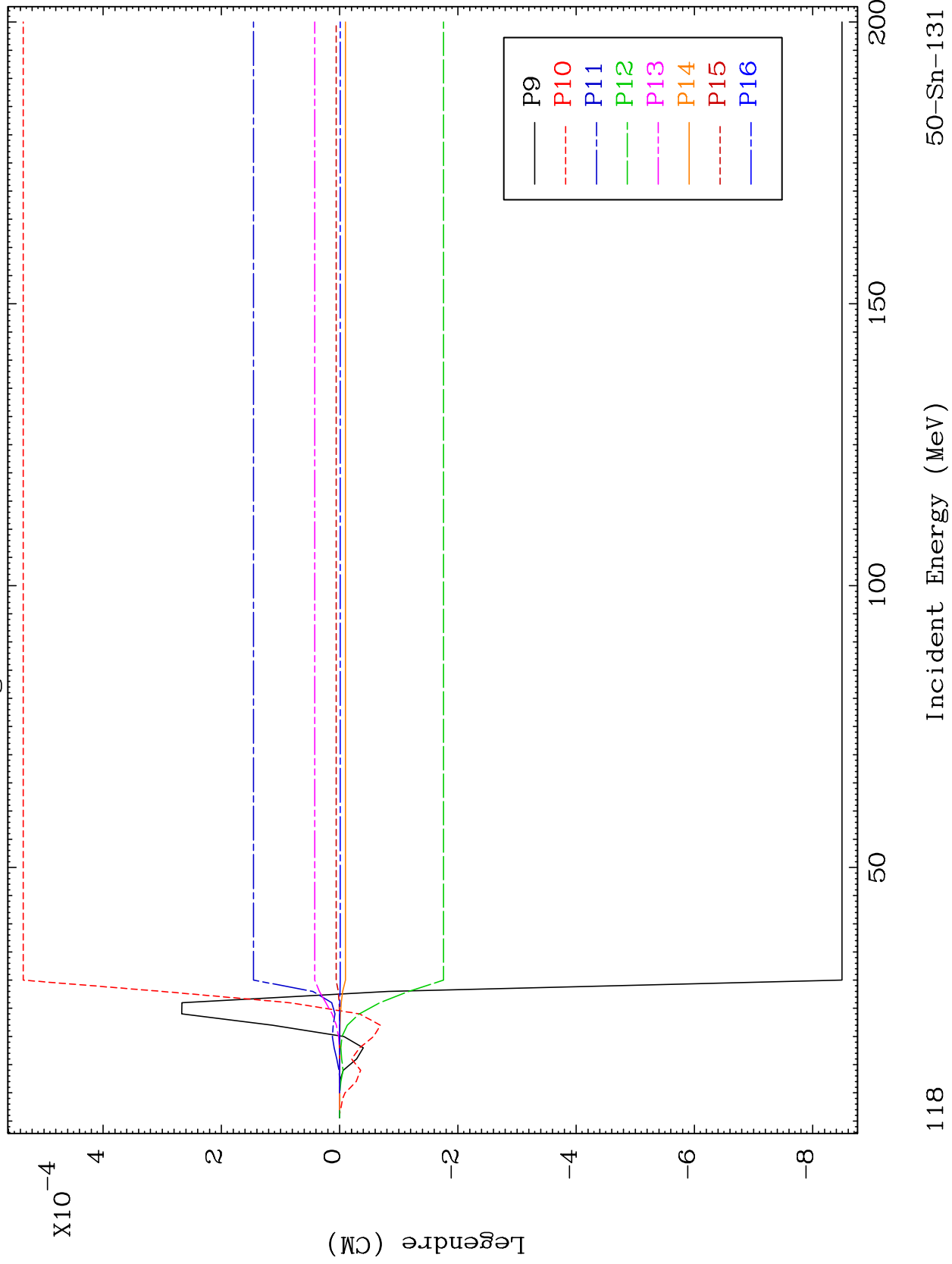




MAT 5082

MT= 77 (n,n') Level  
Legendre Coefficients

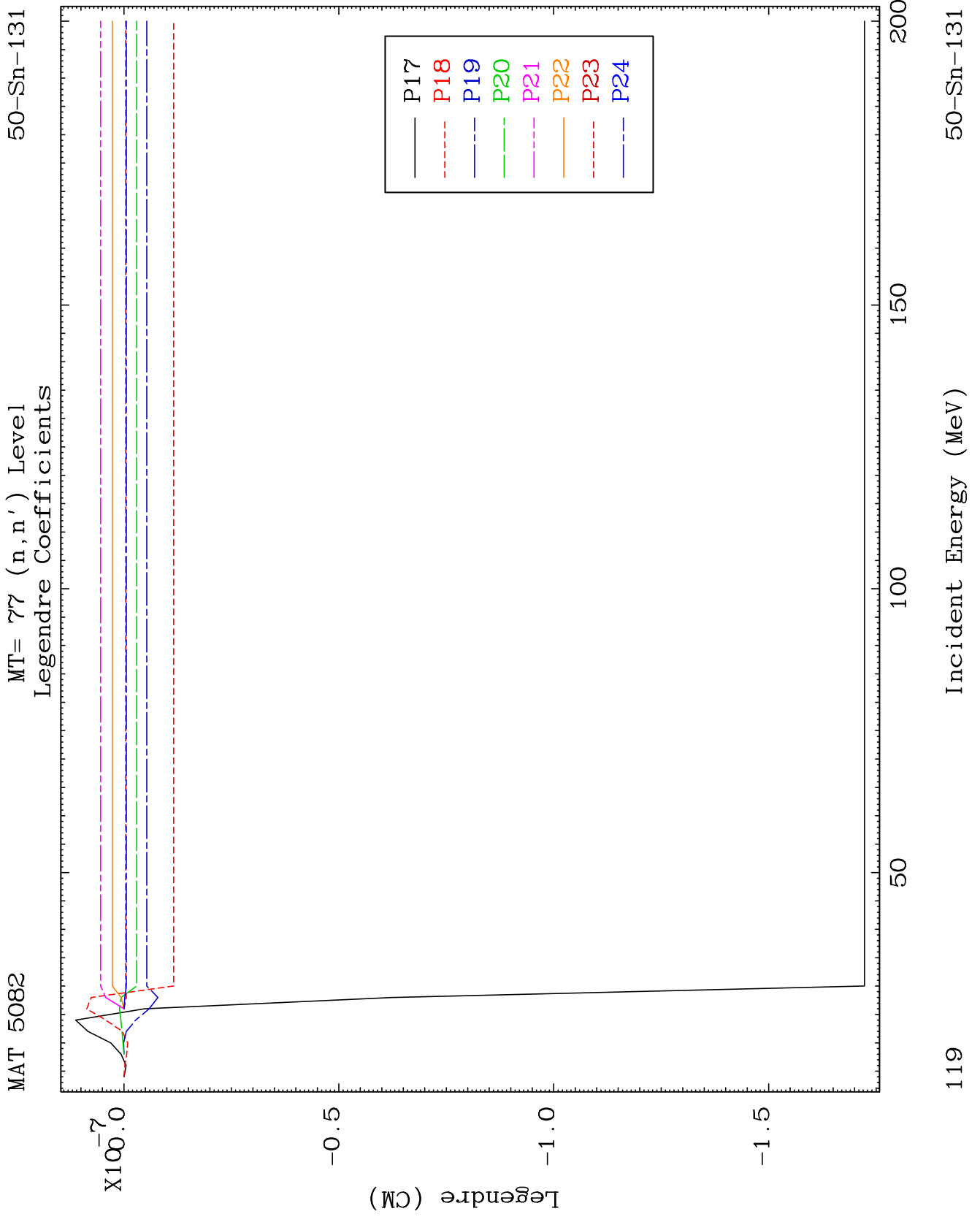
50-Sn-131



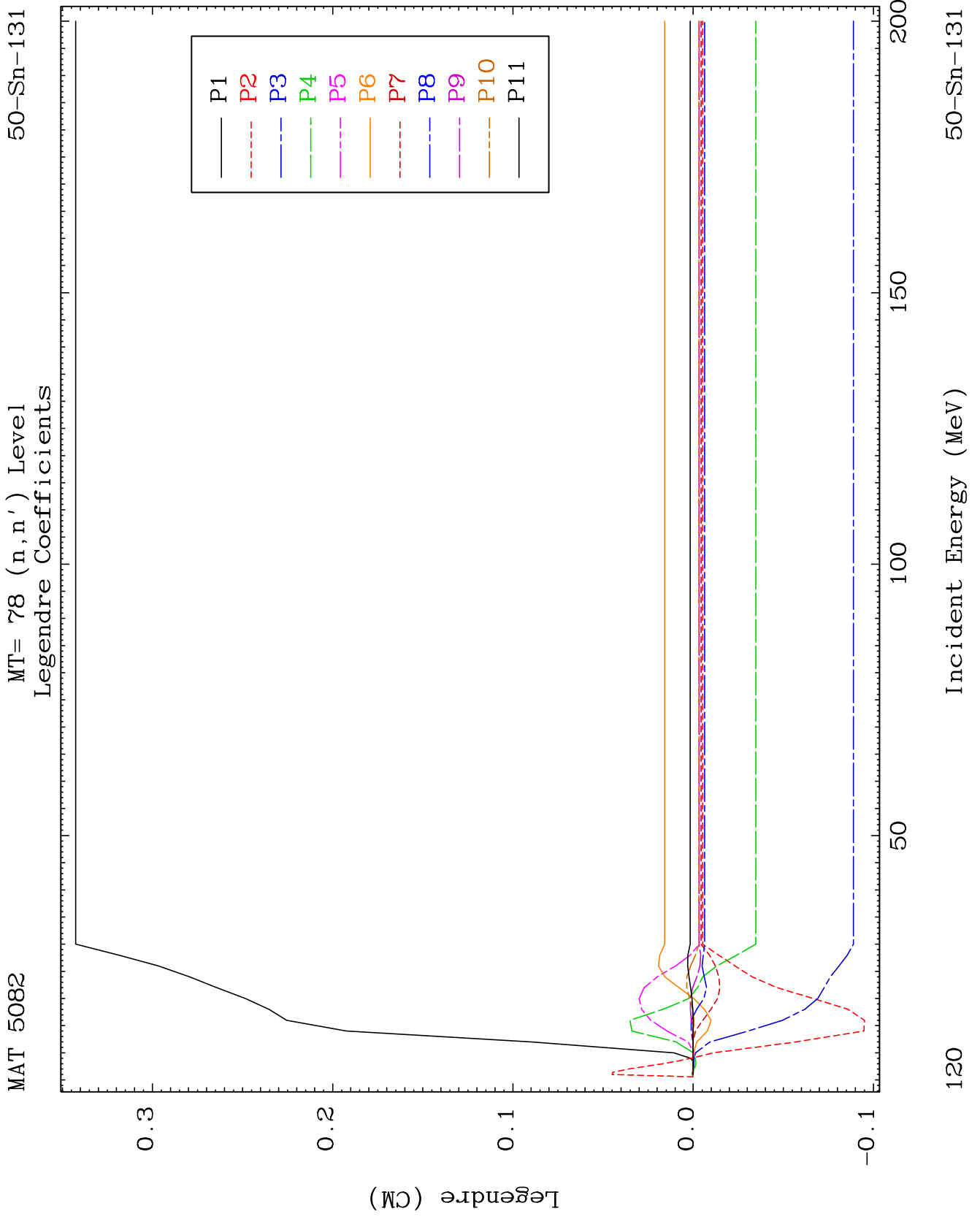
118

Incident Energy (MeV)

50-Sn-131



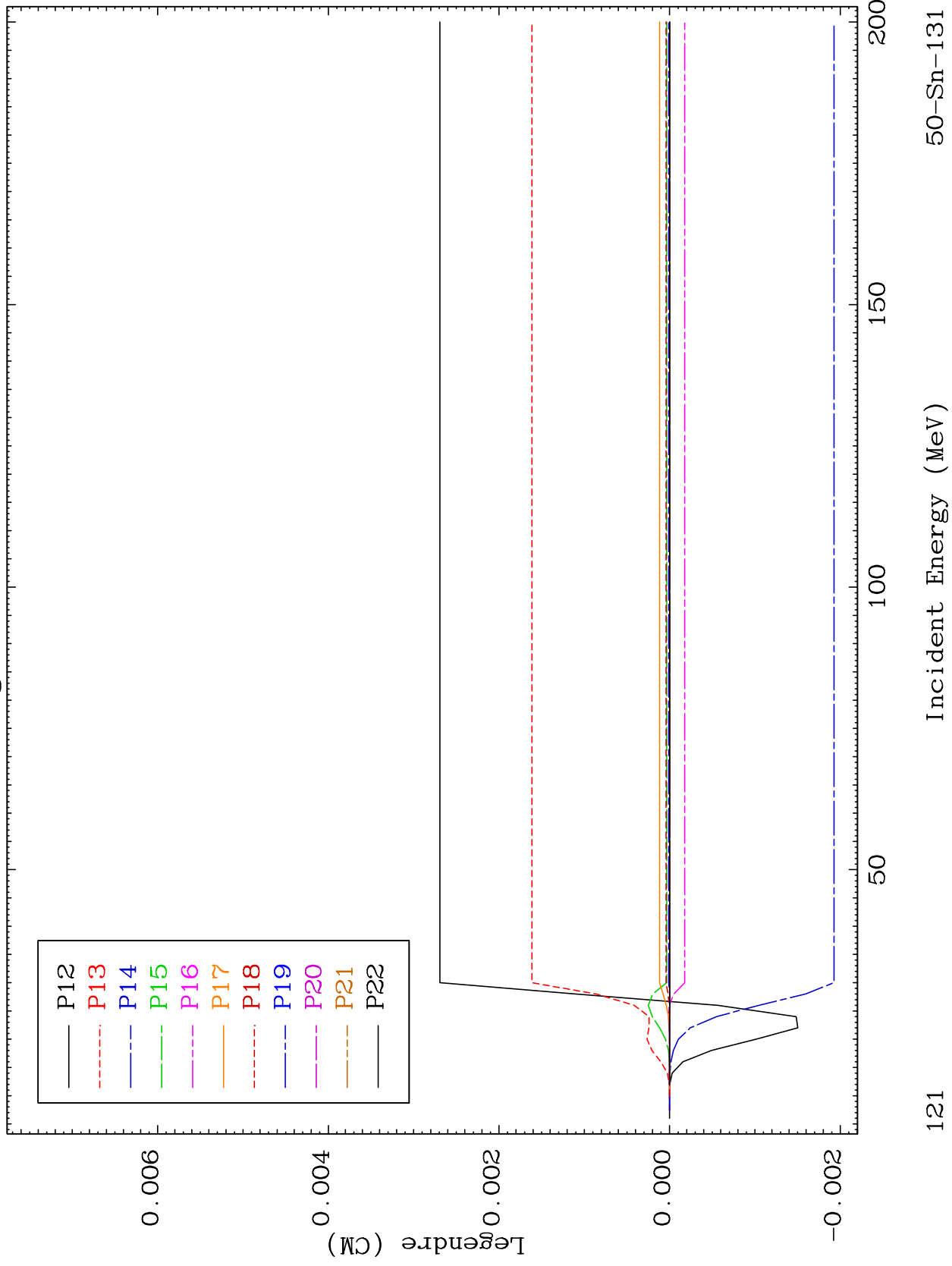




MAT 5082

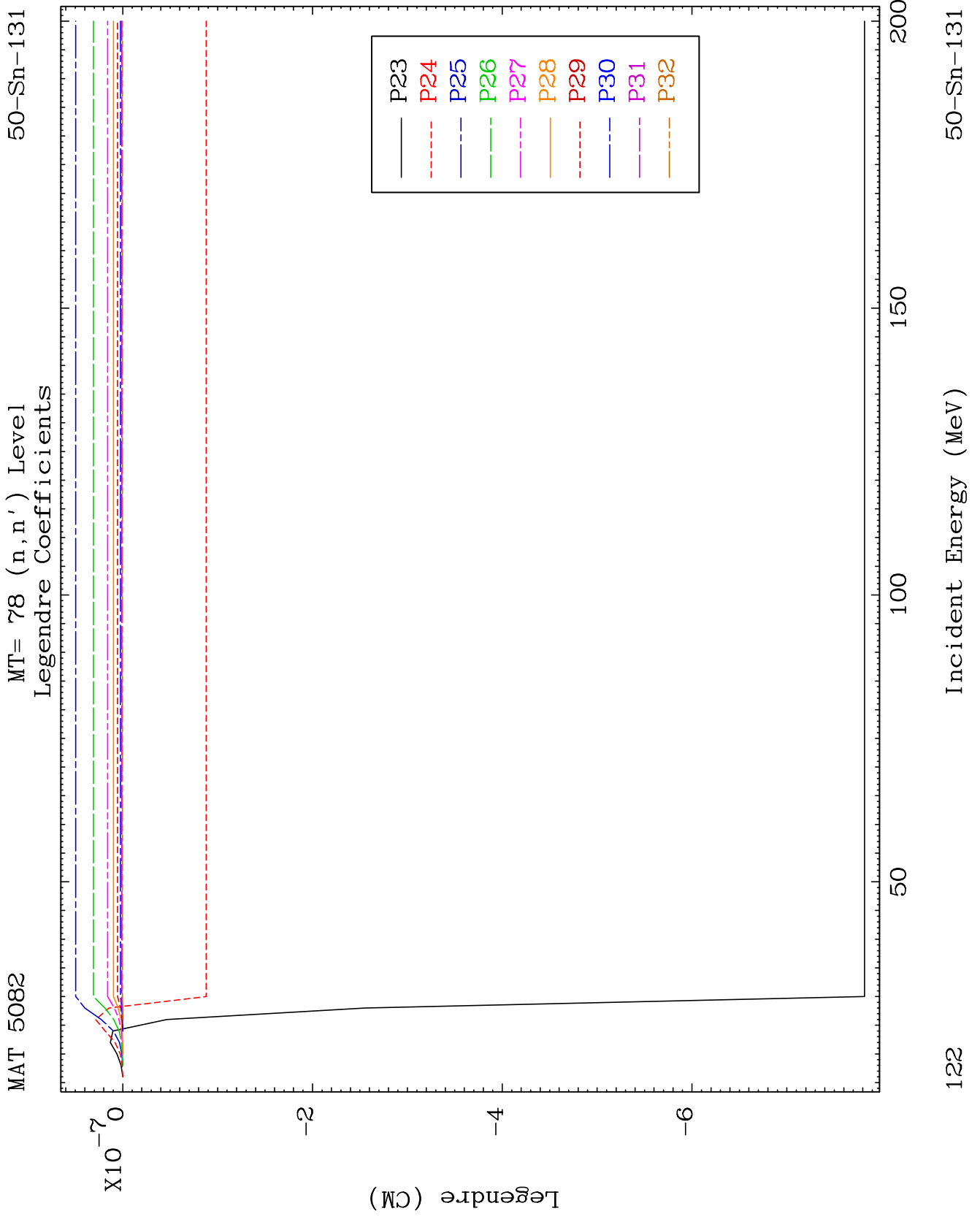
MT= 78 (n,n') Level  
Legendre Coefficients

50-Sn-131

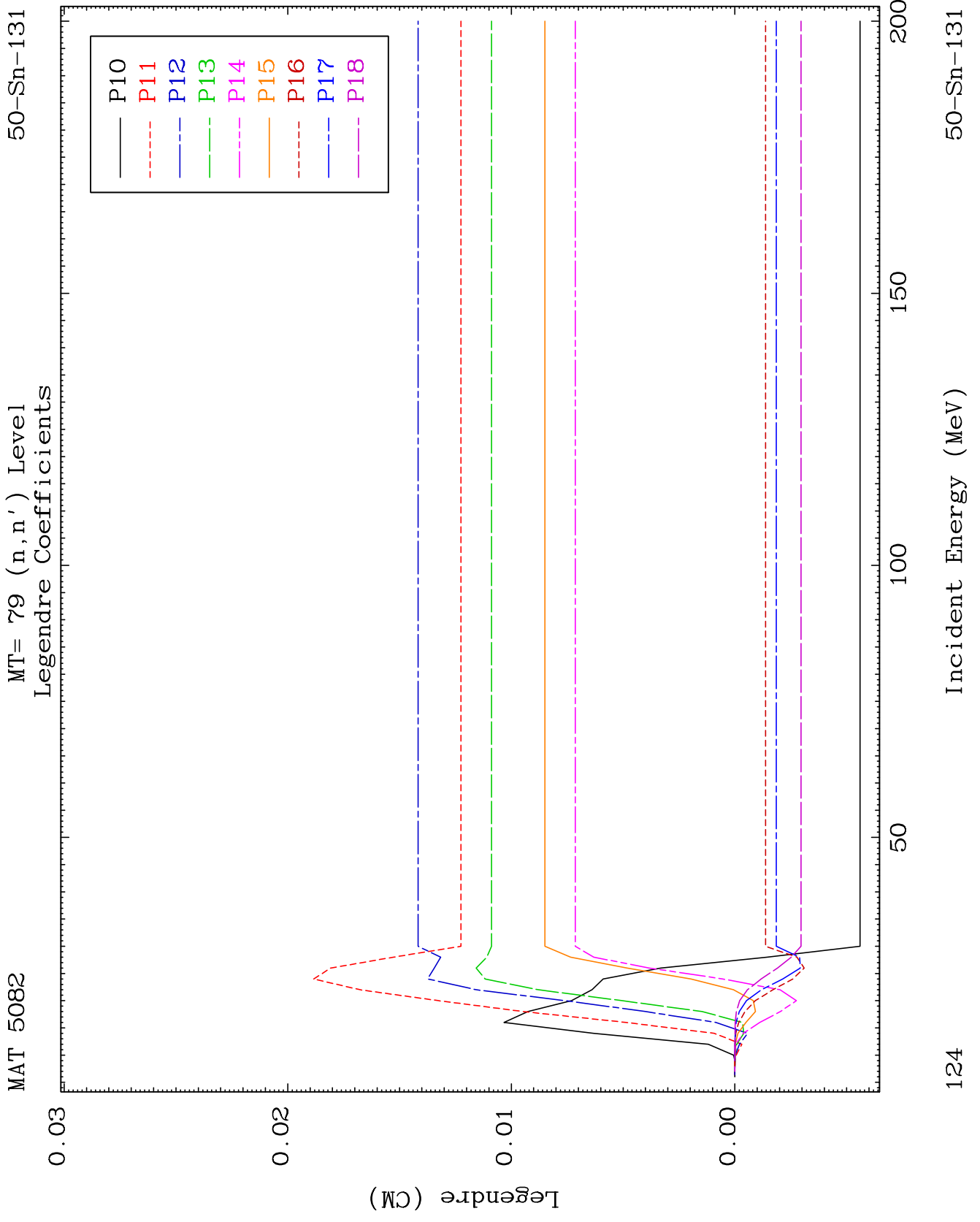


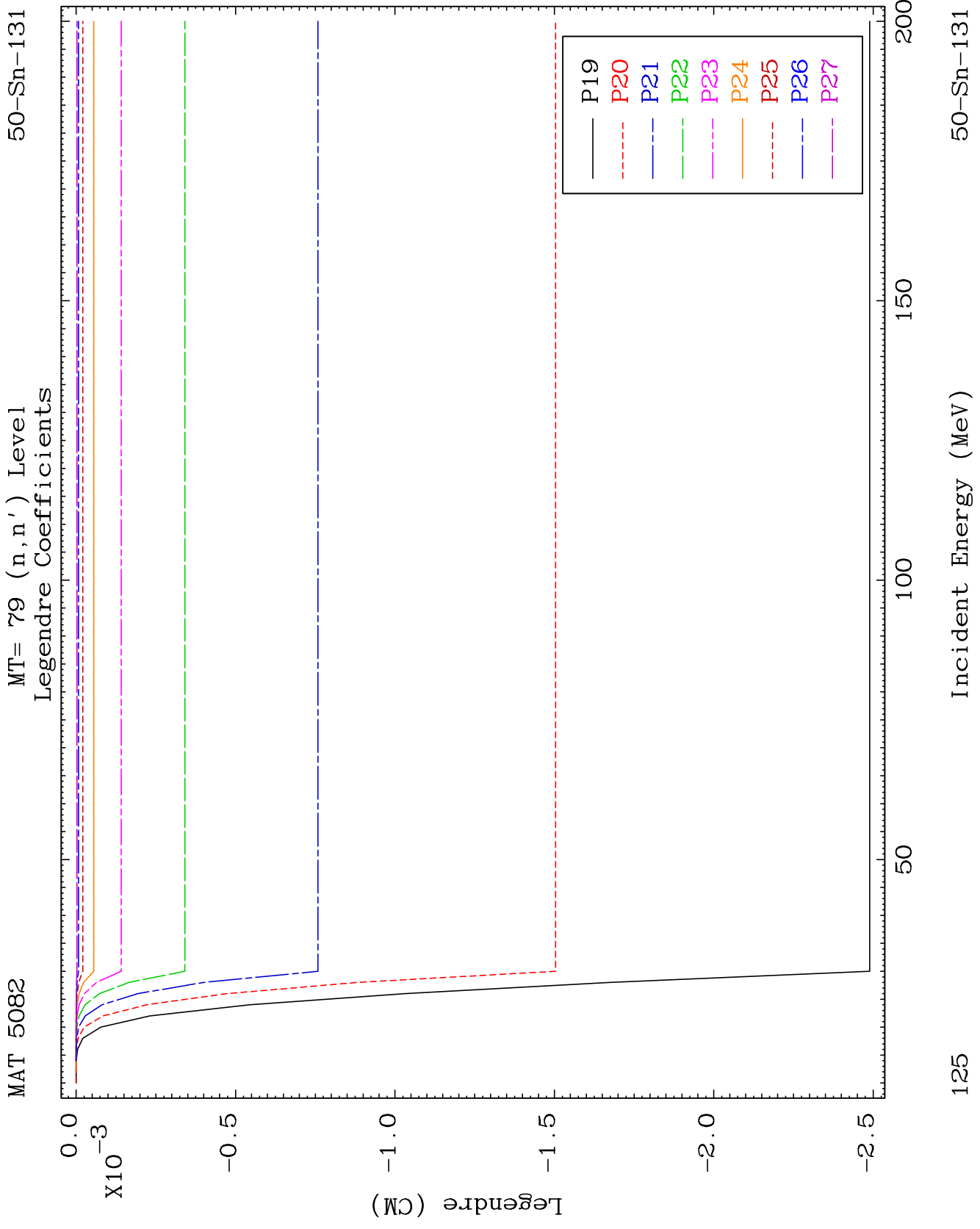
121

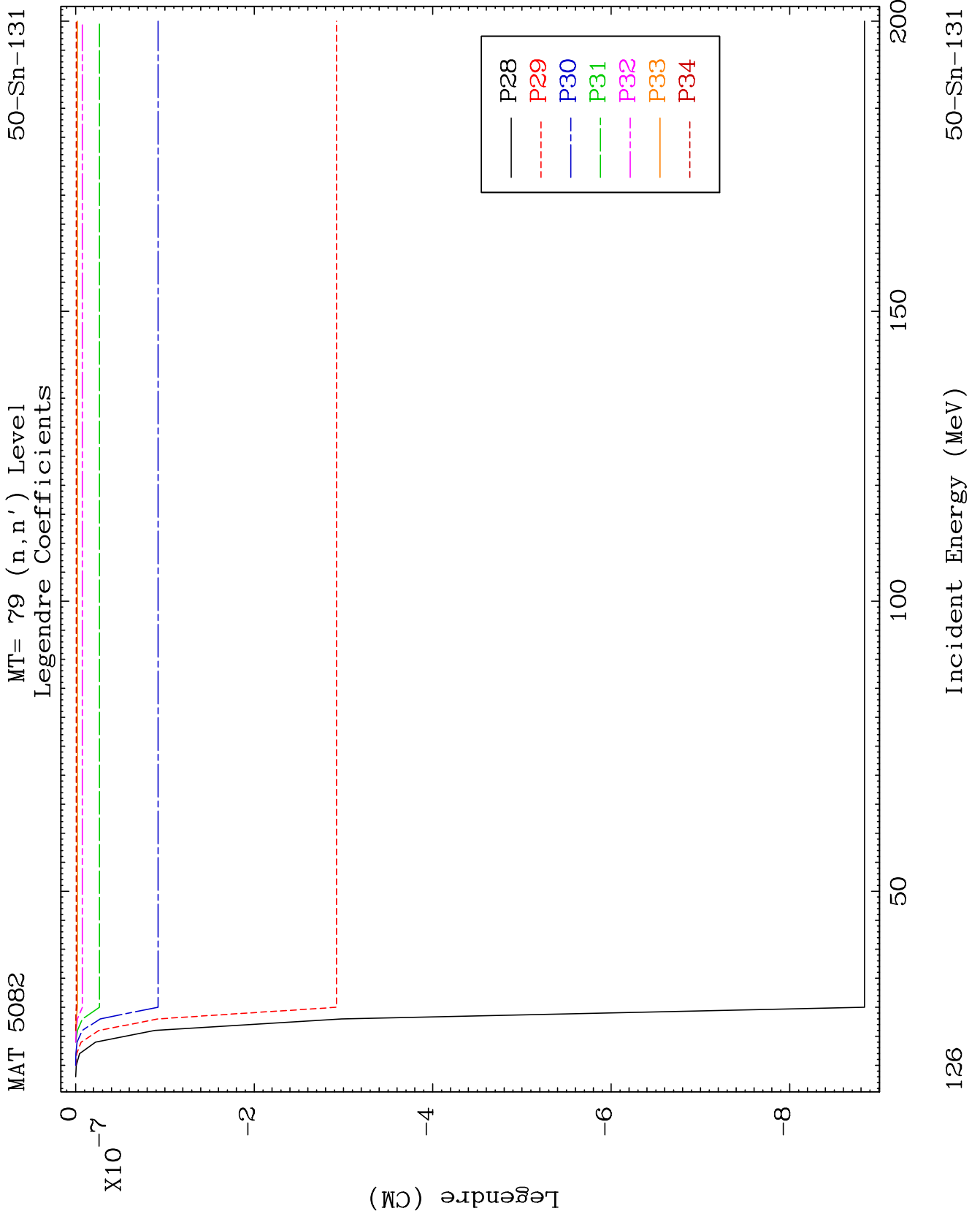
50-Sn-131

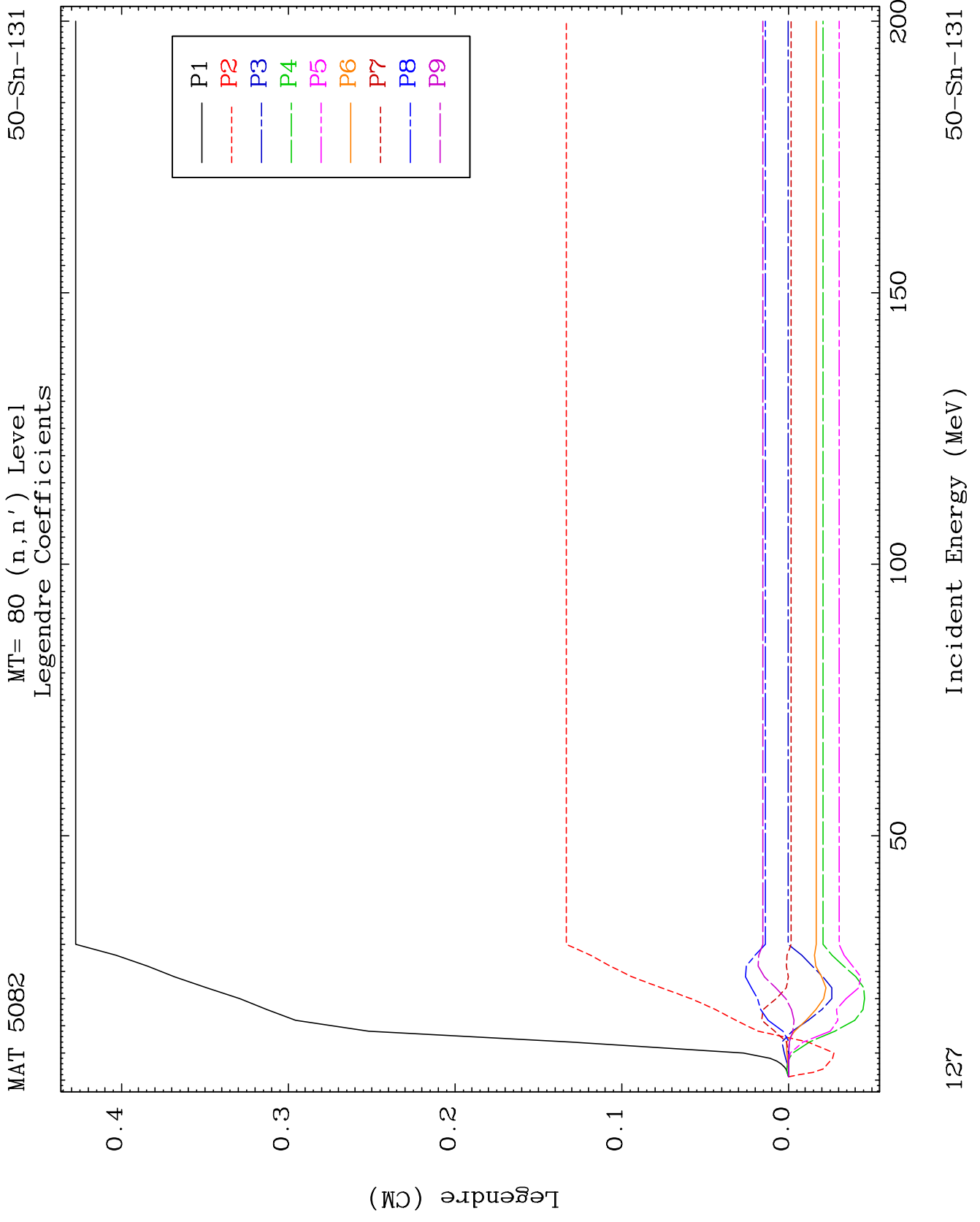










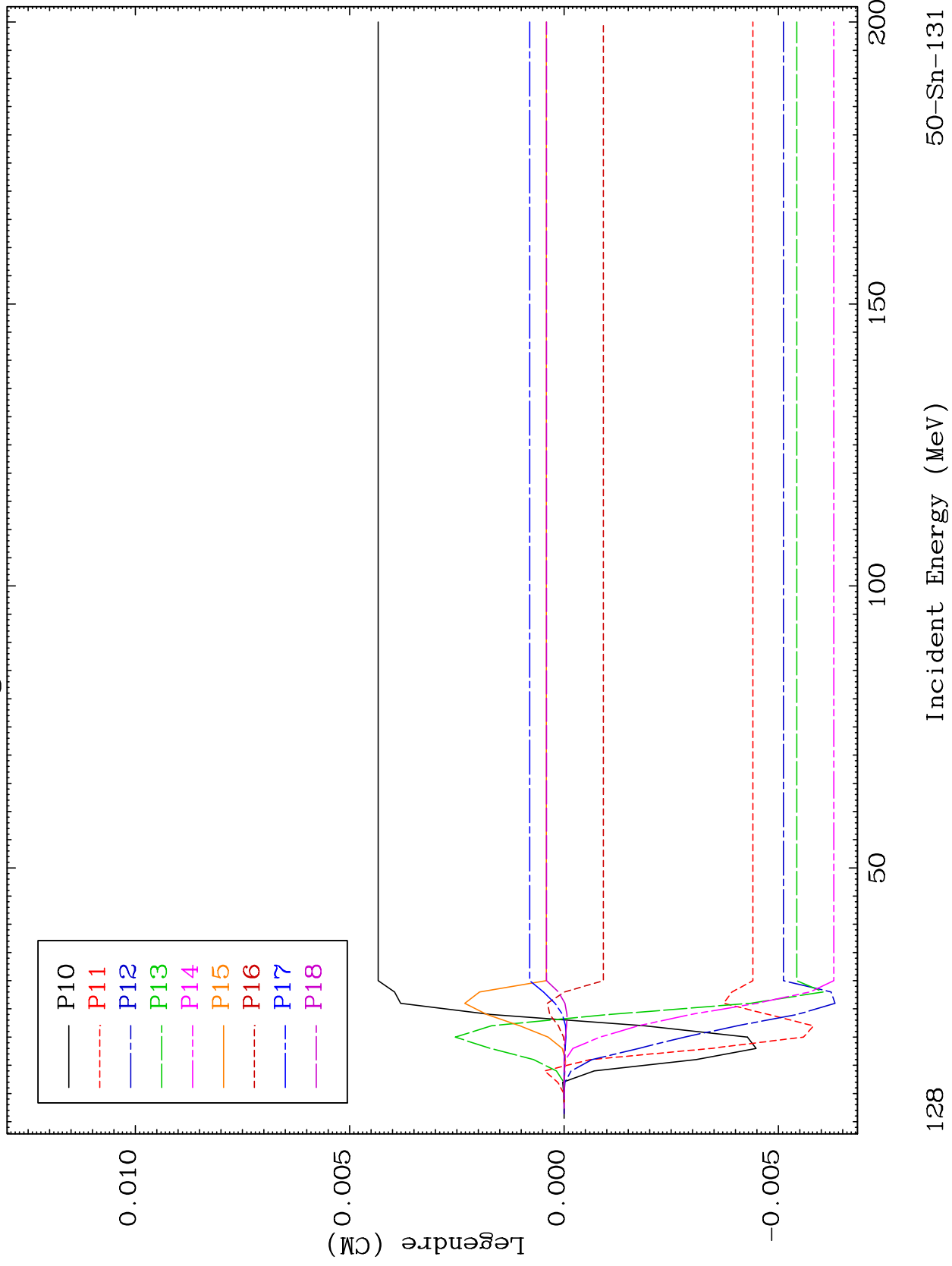




MAT 5082

MT= 80 (n,n') Level  
Legendre Coefficients

50-Sn-131



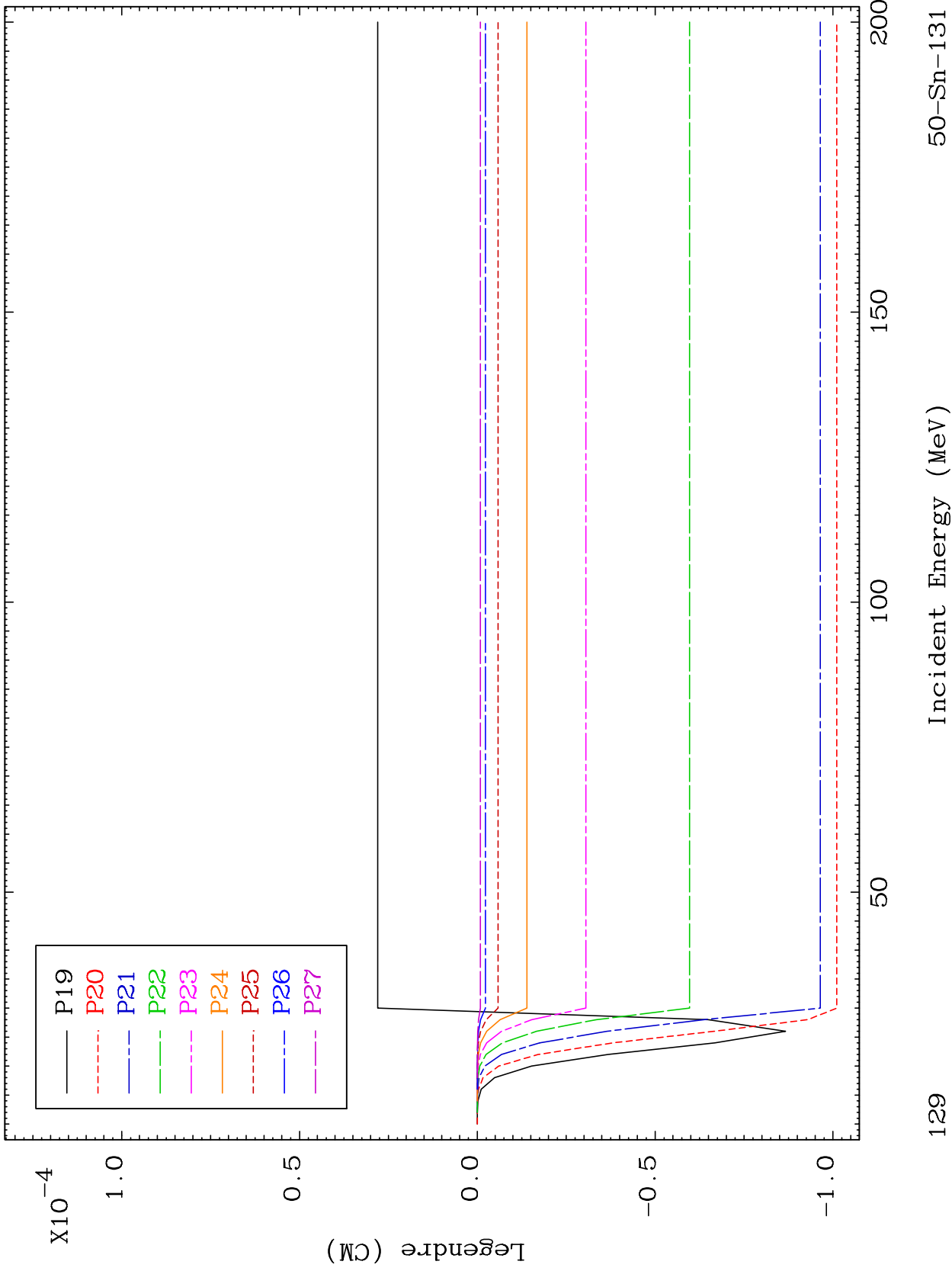
128

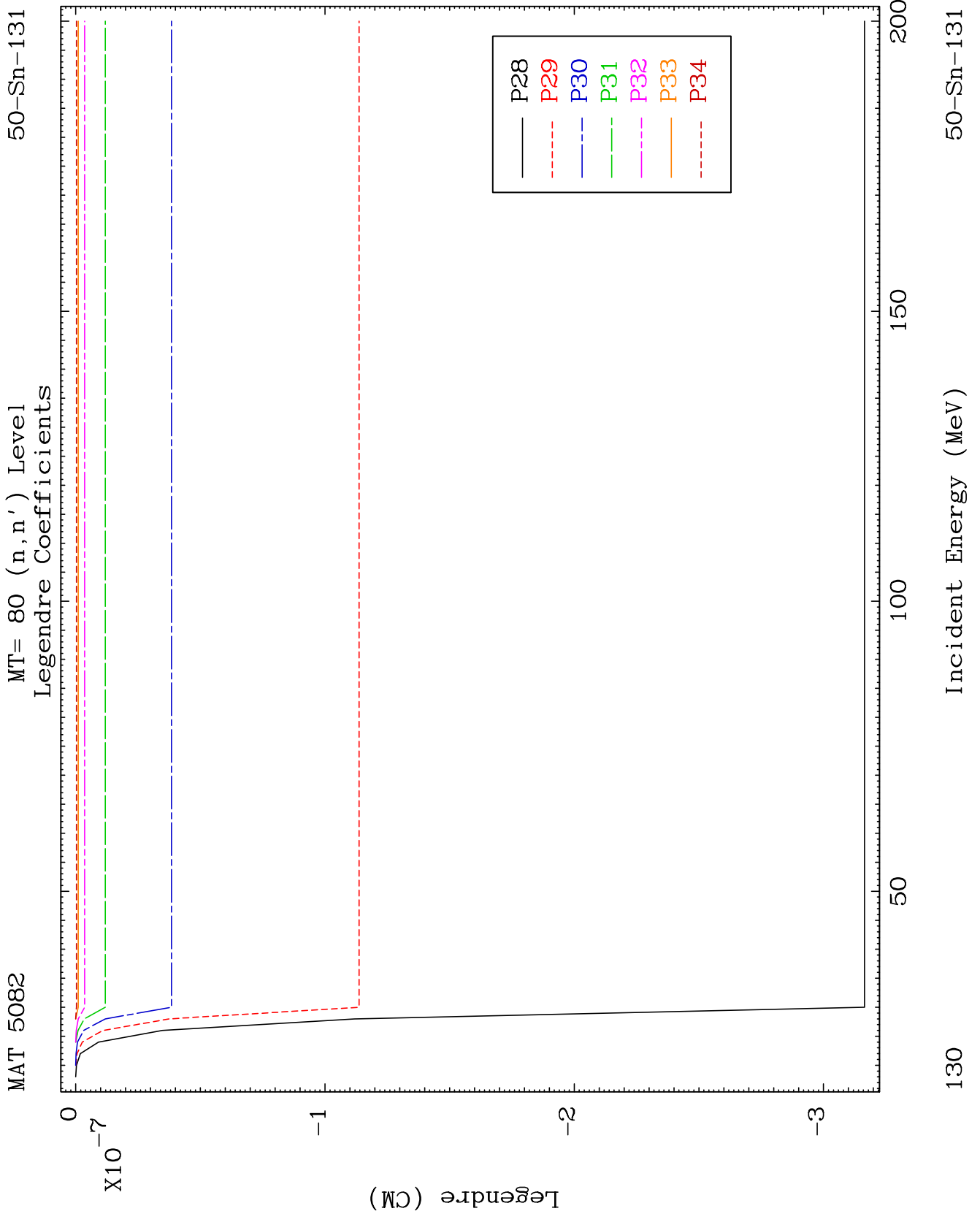
50-Sn-131

MAT 5082

MT= 80 (n,n') Level  
Legendre Coefficients

50-Sn-131

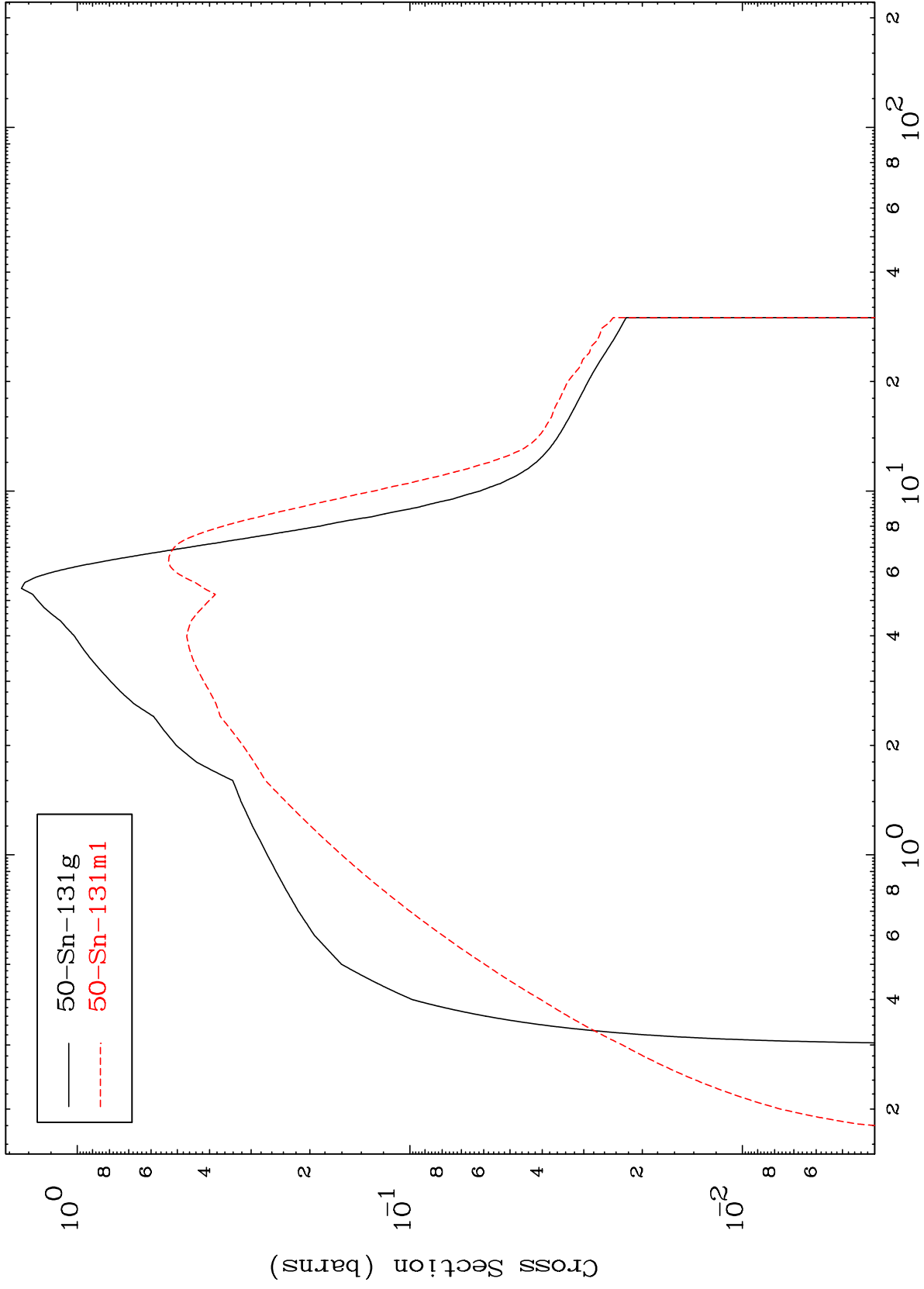




MAT 5082

50-Sn-131

Inelastic  
Radionuclide Production Cross Section



— 50-Sn-131g  
- - - 50-Sn-131m1

50-Sn-131

Incident Energy (MeV)

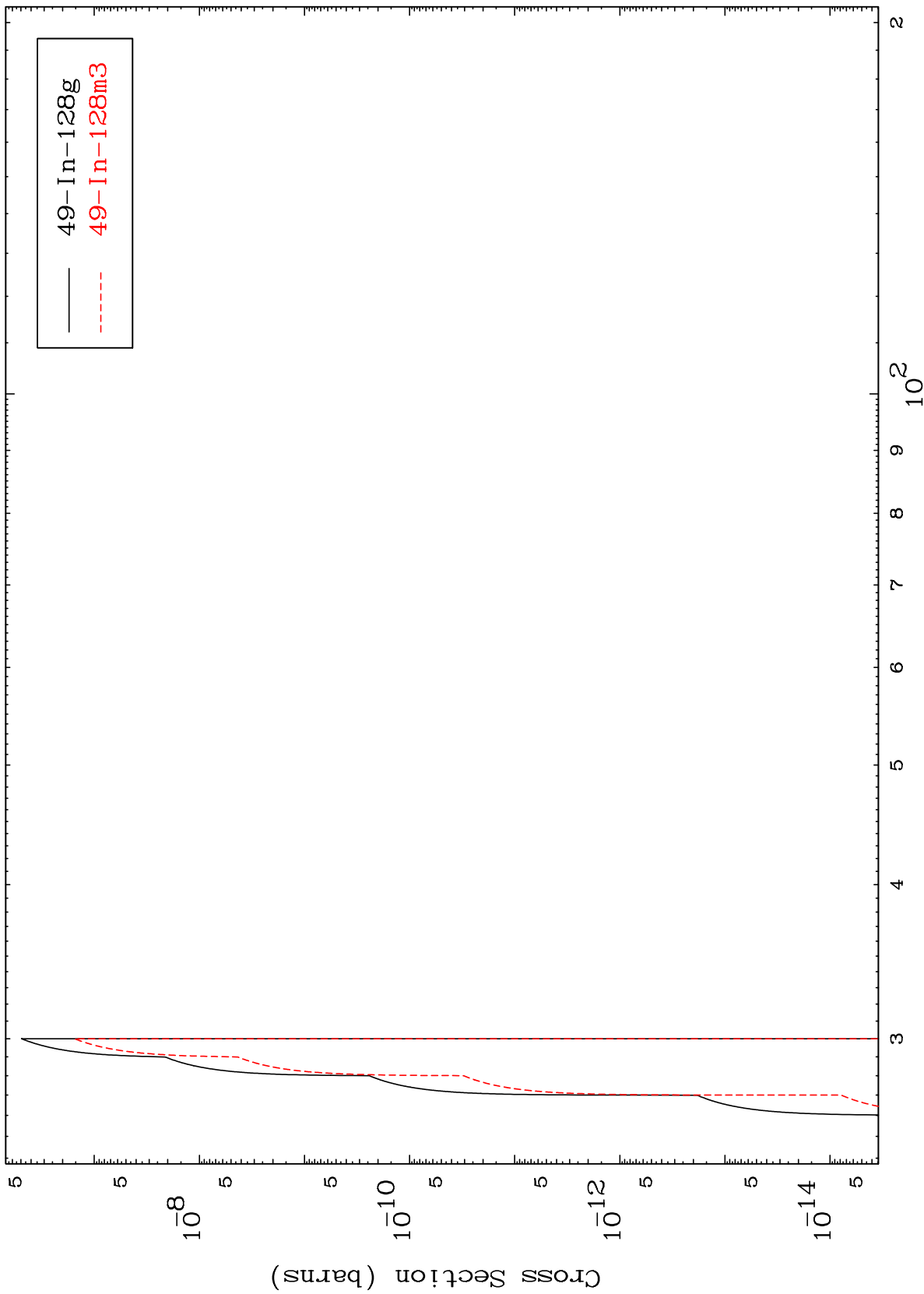
131

MAT 5082

(n,2n) d

50-Sn-131

Radionuclide Production Cross Section



49-In-128g  
49-In-128m3

132

Incident Energy (MeV)

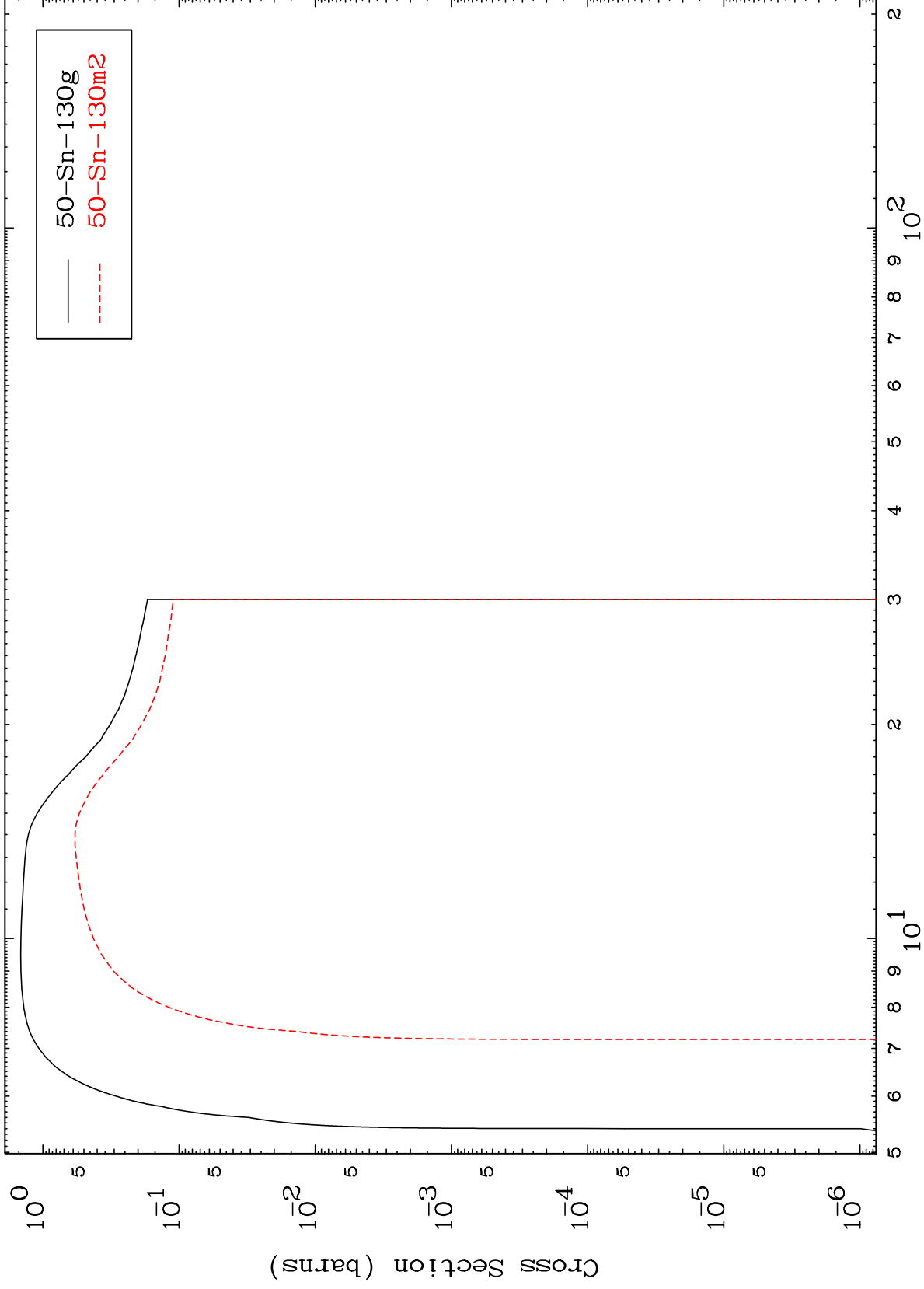
50-Sn-131

MAT 5082

(n,2n)

50-Sn-131

Radionuclide Production Cross Section



133

Incident Energy (MeV)

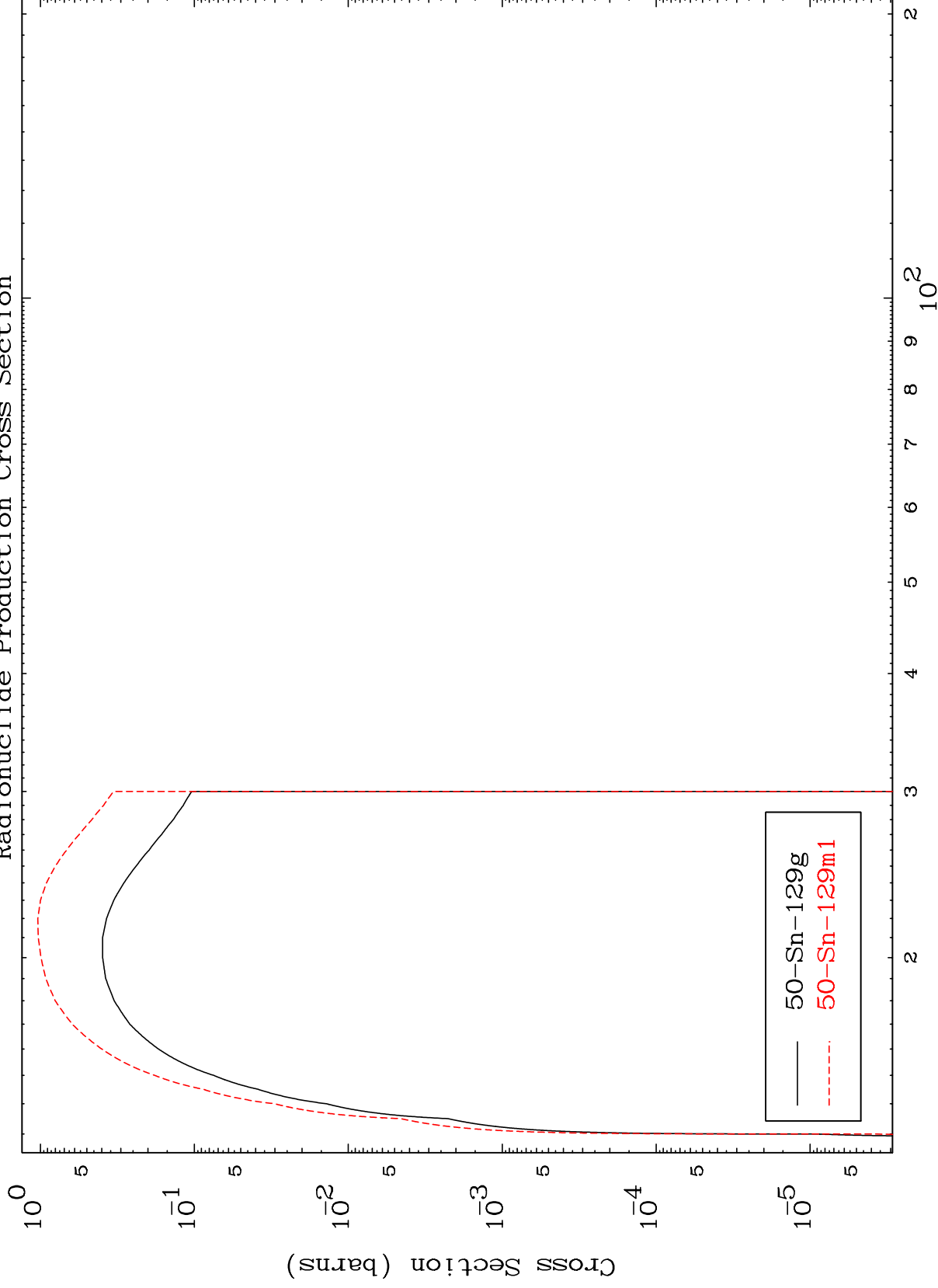
50-Sn-131

MAT 5082

(n,3n)

50-Sn-131

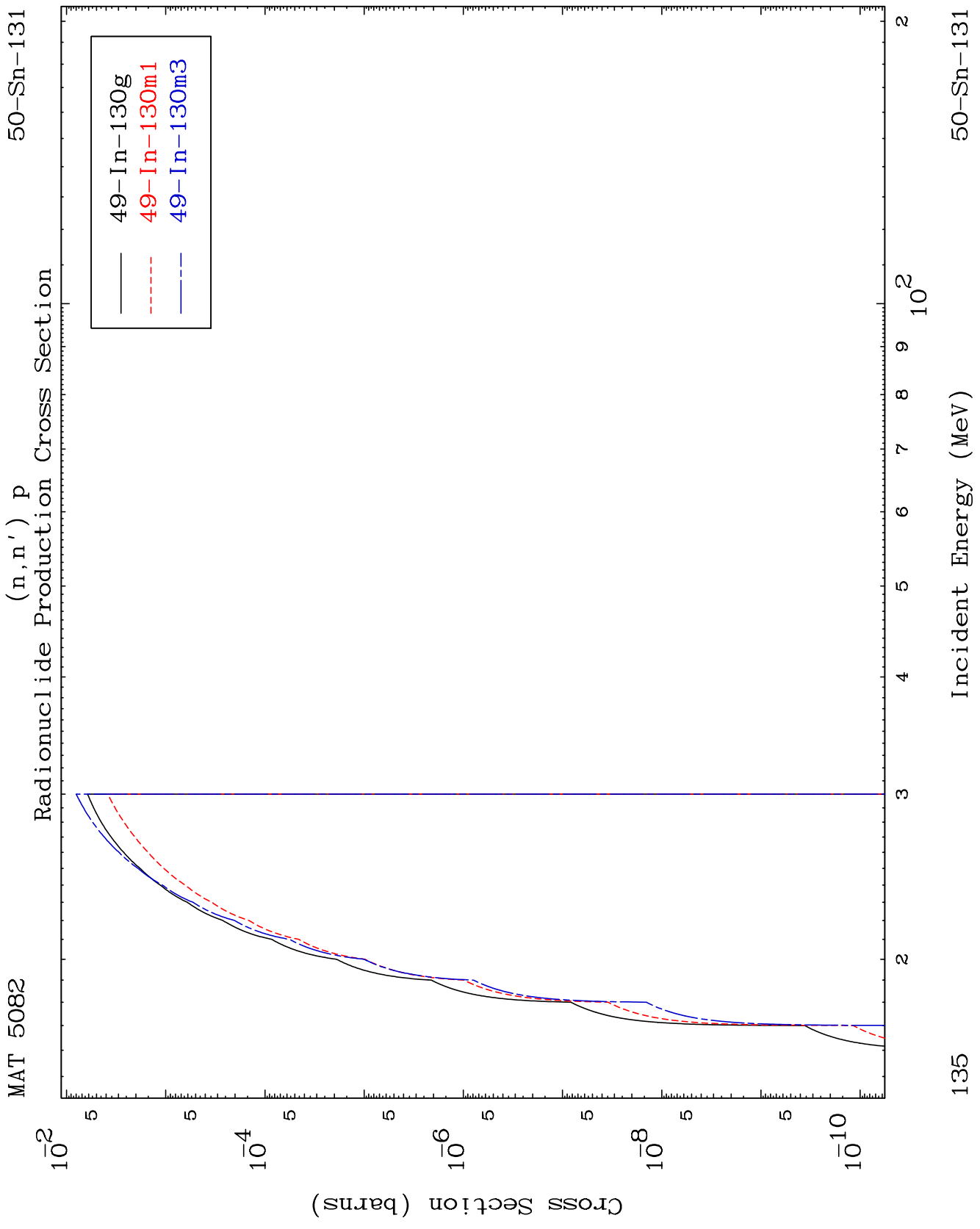
Radionuclide Production Cross Section



134

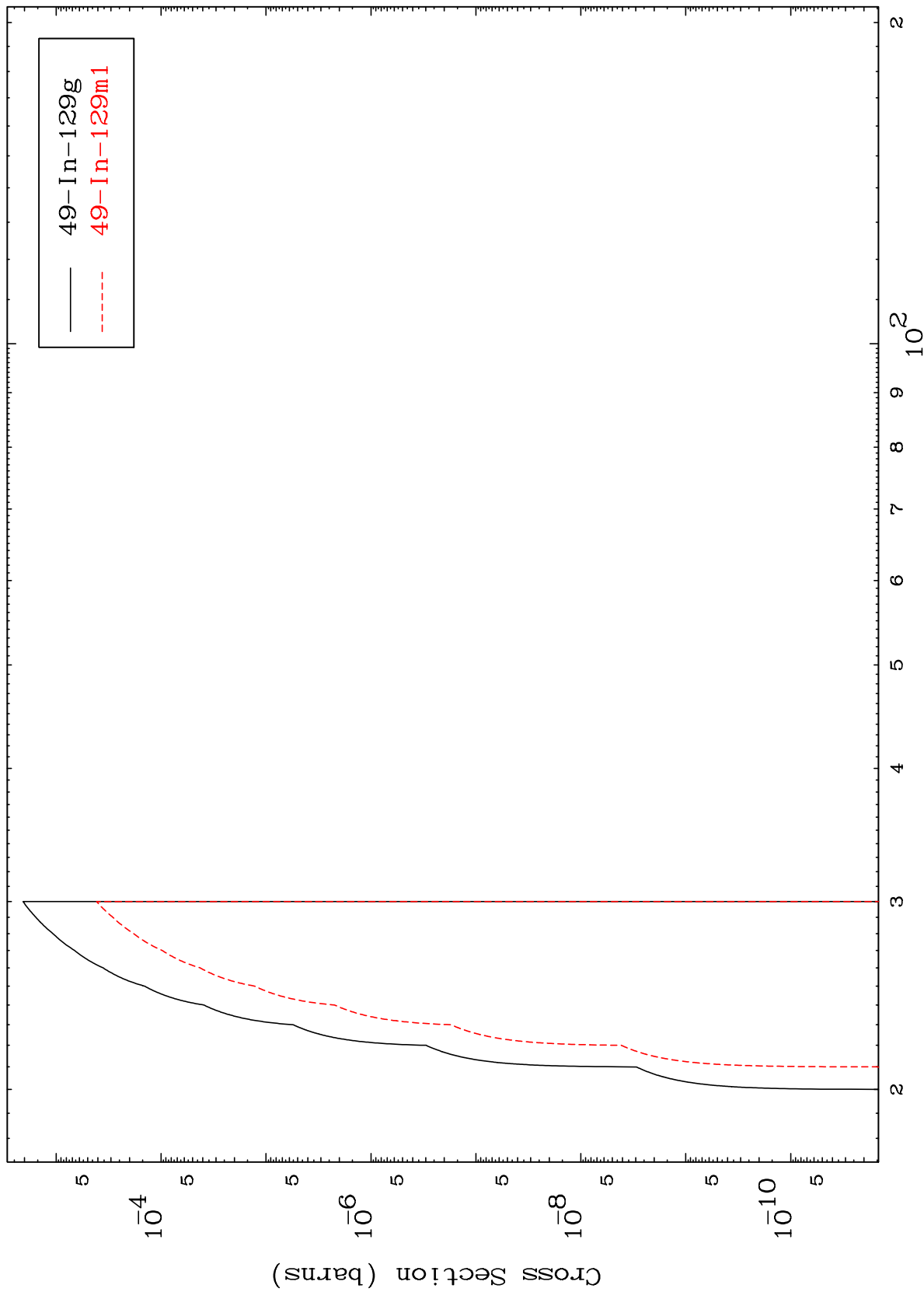
Incident Energy (MeV)

50-Sn-131





Radionuclide Production Cross Section

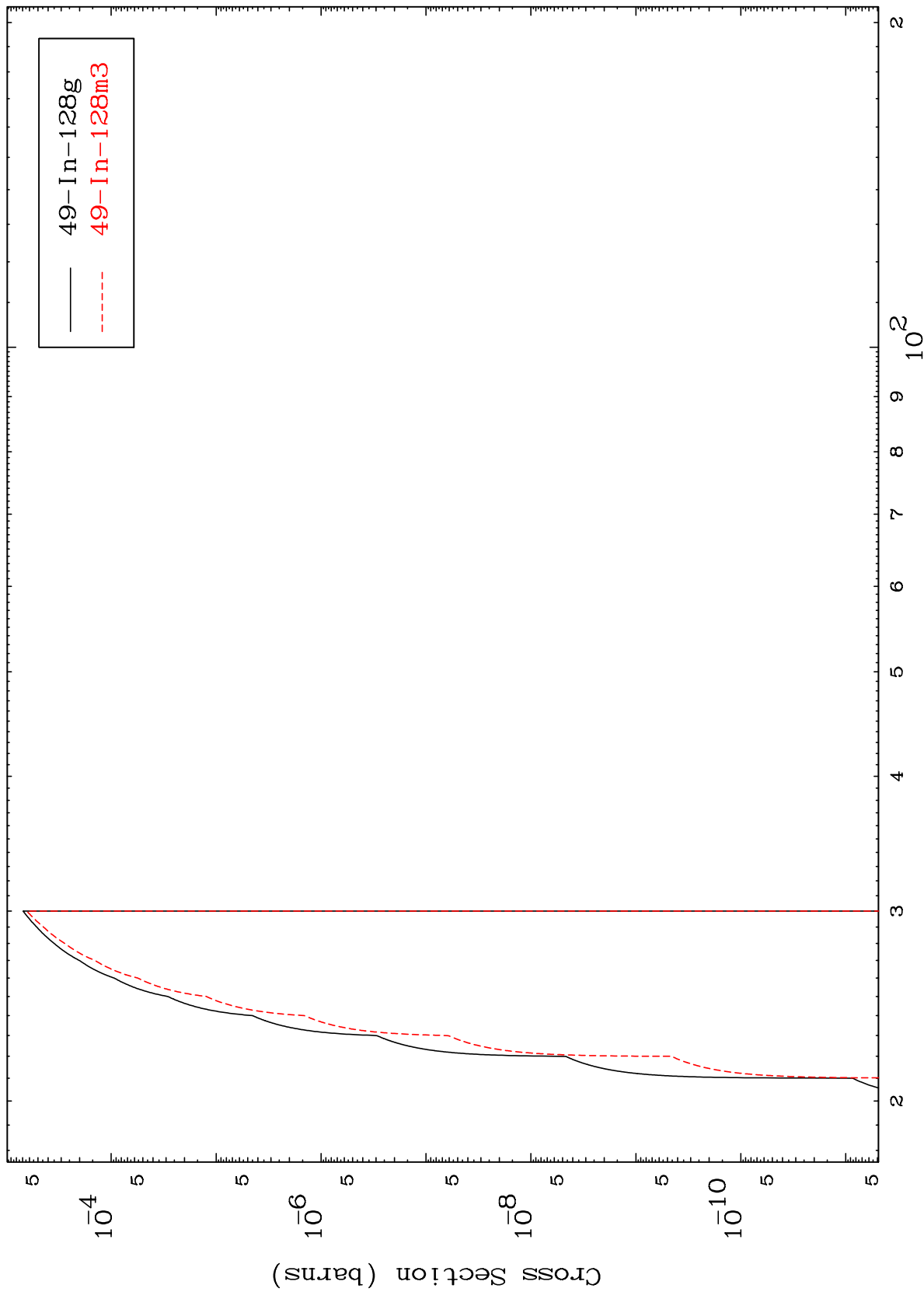


MAT 5082

(n,n') t

50-Sn-131

Radionuclide Production Cross Section



137

Incident Energy (MeV)

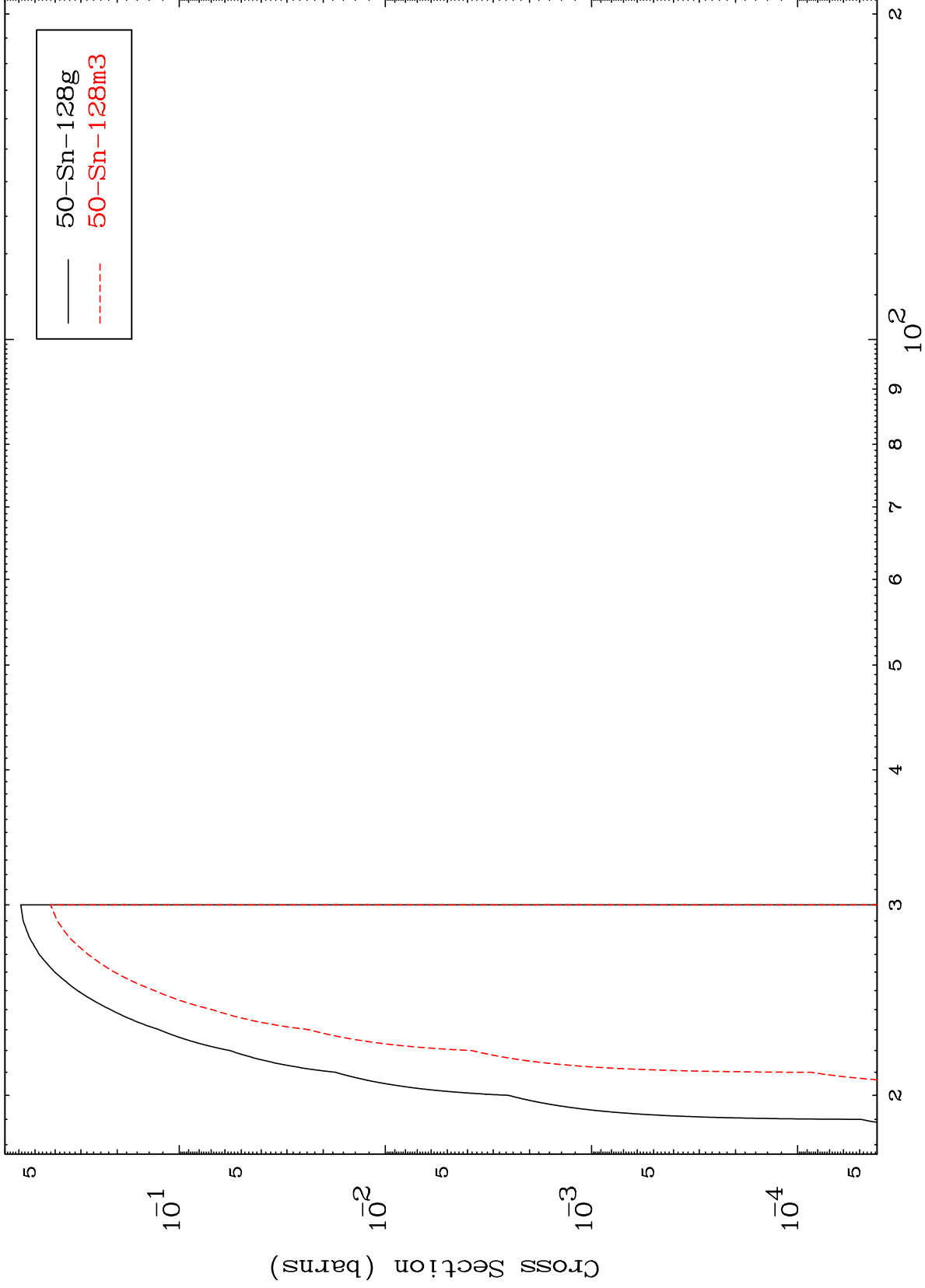
50-Sn-131

MAT 5082

(n,4n)

50-Sn-131

Radionuclide Production Cross Section



138

Incident Energy (MeV)

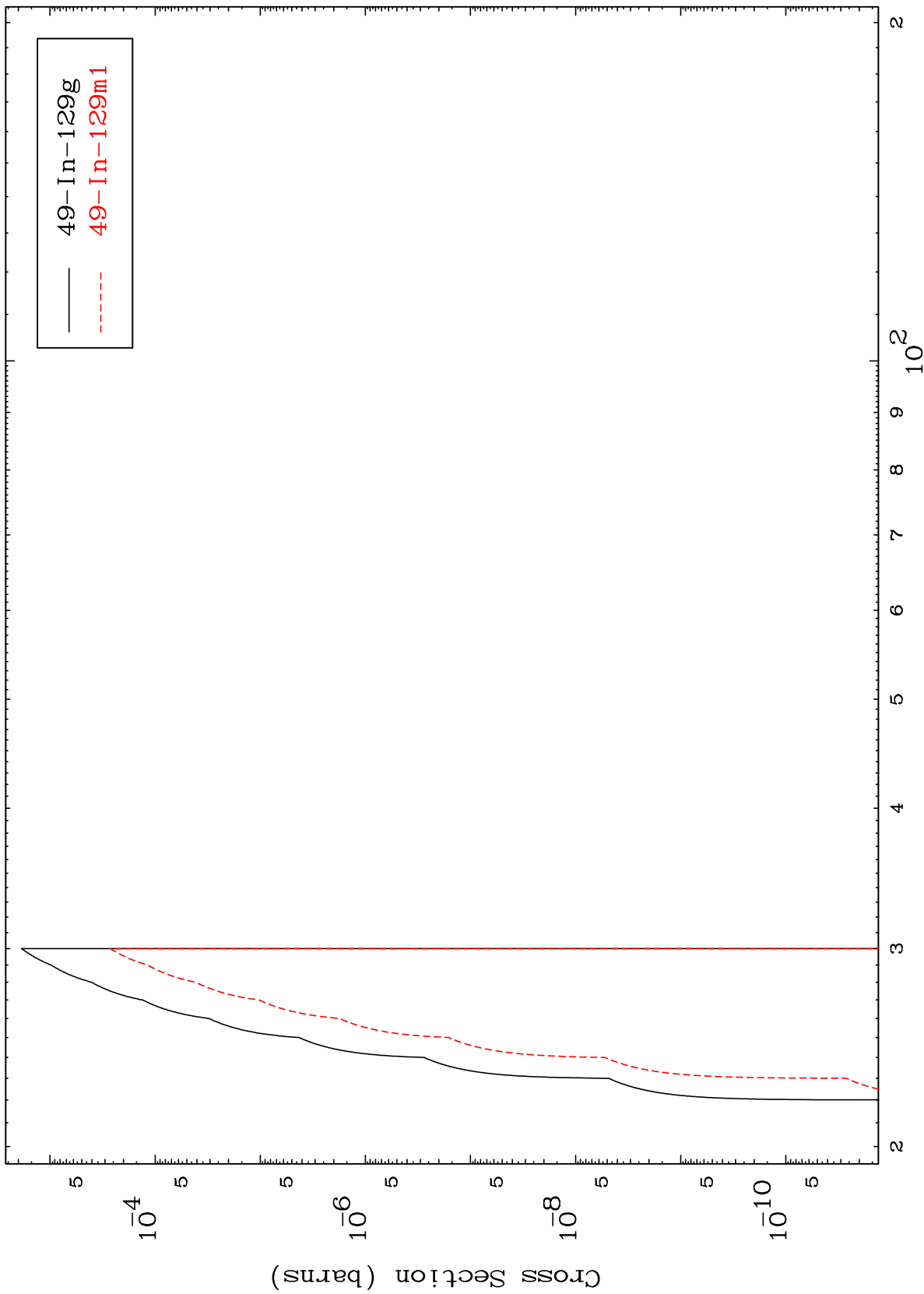
50-Sn-131

MAT 5082

(n,2n) p

50-Sn-131

Radionuclide Production Cross Section



139

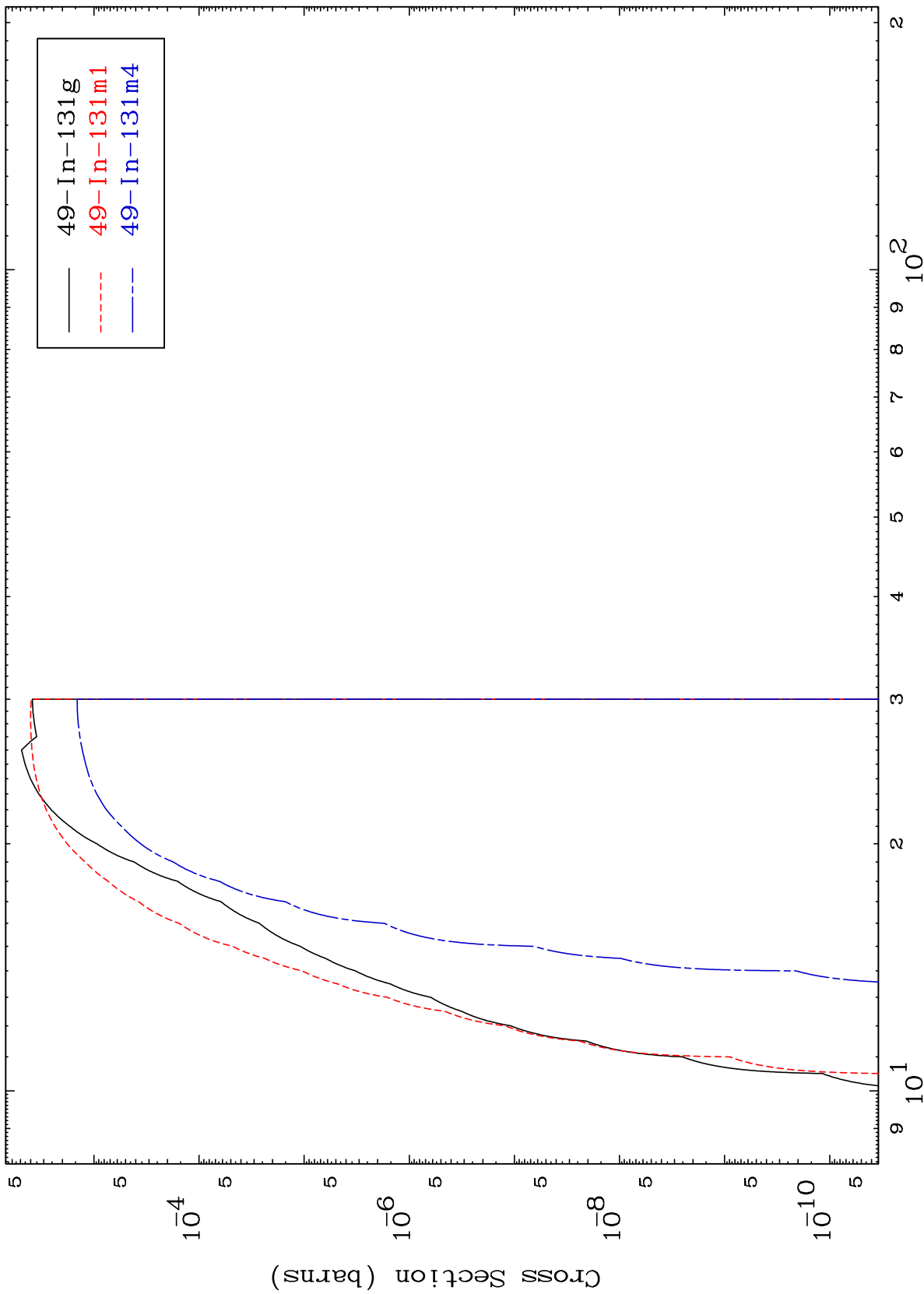
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(n,p)  
Radionuclide Production Cross Section

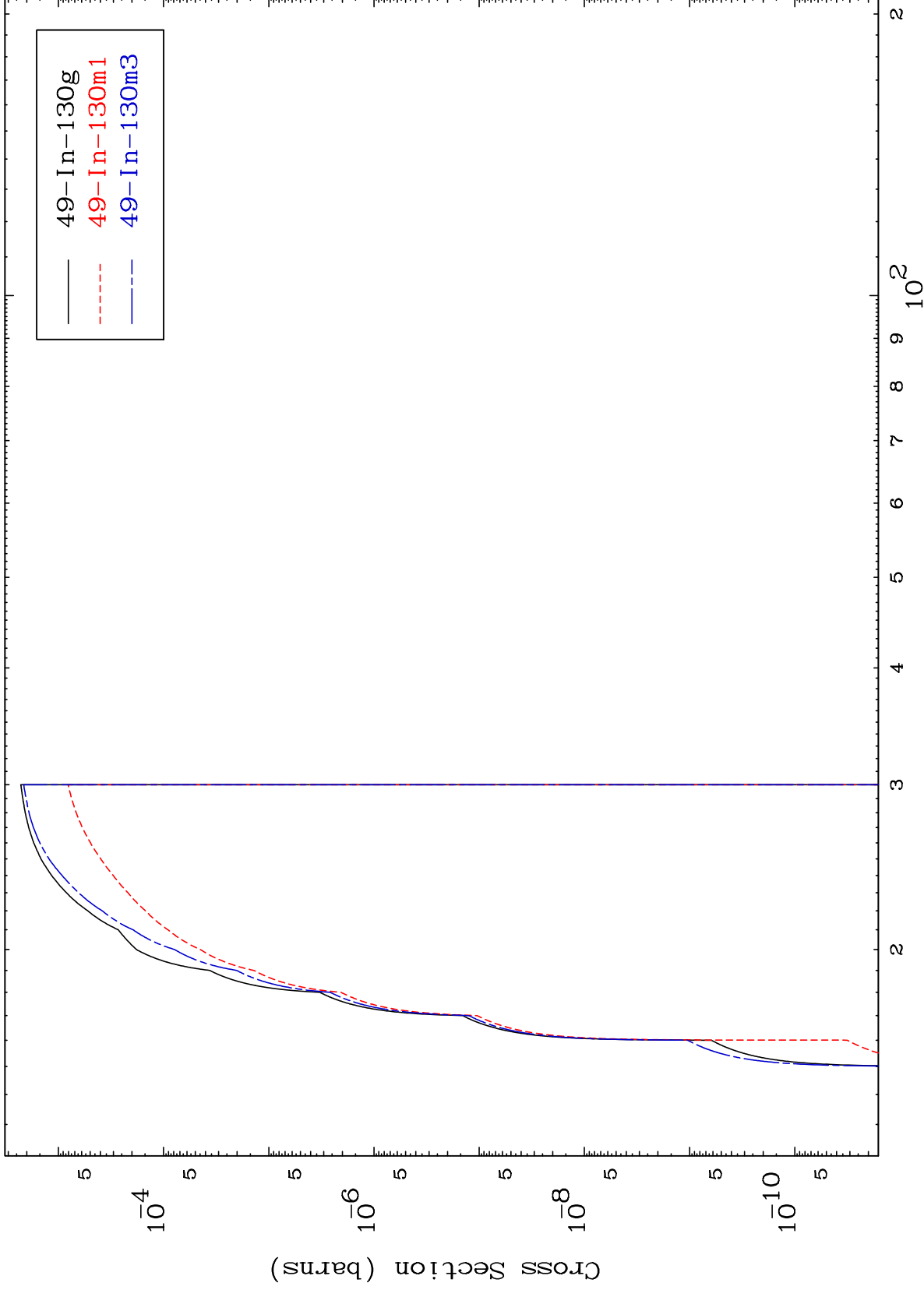


50-Sn-131

Incident Energy (MeV)

140

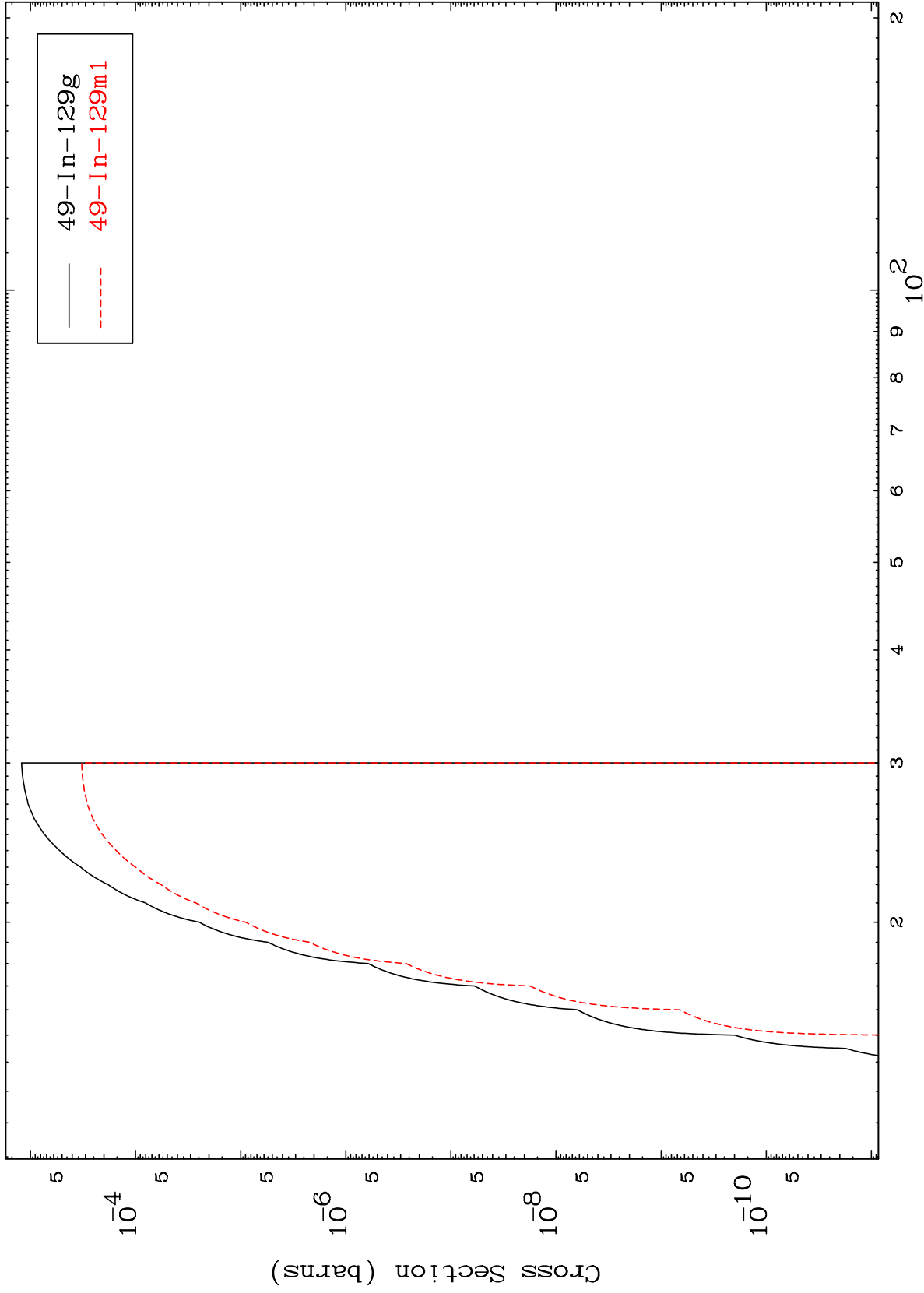
Radionuclide Production Cross Section



MAT 5082

50-Sn-131

(n,t)  
Radionuclide Production Cross Section



142

Incident Energy (MeV)

50-Sn-131